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Weekly Radio Guide

WITH THIS ISSUE OF THE
POST-DISPATCH

VOL. 77, NO. 111.

"FRECKLES" LEAD TO ARREST IN MAIL ROBBERY

Chester Goudy, Pugilist,
Taken in California for
\$45,000 Robbery at
Crystal City, Mo.

TRAILED BECAUSE OF BLOTCHES ON FACE

He and Four Other Men,
Still at Large, Under In-
dictment Here in the
Case.

"Find the Man With the Freckles" was the word that went out after four masked men had committed a \$45,000 mail truck robbery at Crystal City, Mo., on Sept. 15, crossed the Mississippi River in a motor skiff and continued their flight in an automobile which was chased by the Illinois state police.

The man who was wanted at the time of the robbery, the four masked men were not masked—and his face was freckled all over. With the freckles as a clue, St. Louis police and Postoffice inspectors investigated and trailed an automobile driven by a freckled young man, from St. Louis to Chicago.

At Chicago the freckled driver of the westbound car was arrested, and he and his four companions were charged with a Federal indictment charging him and four other men with complicity in the robbery. He is Chester Goudy, 22 years old, a pugilist, of Nameoki, Ill.

Denies Part in Holdup.

Goudy, when arrested Thursday at the home of an uncle at Chicago, denied participation in the robbery, but admitted acquaintance with the other men under indictment. The indictments, returned recently by the Federal grand jury, were not made public. The names of the other men indicted are still withheld.

The Freckle clue was obtained by Detective-Sergeants Leonard and Thomas Sullivan of the police automobile squad. They inspected the Buick automobile used by the robbers in Illinois had been stolen, and they looked up records and interviewed owners in St. Louis, East St. Louis, Madison and Granite City until they came to Edward Morlene of Collinsville, Mo. On Sept. 26, three days before the Crystal City robbery, Morlene had two women in his Buick car forced to leave it near Granite City by three armed men, who threatened to operate the car was described as extensively freckled.

How Clue Was Obtained.

The day of the robbery a freckled young man waited on the Illinois shore of the Mississippi, at Harrisonville, in a Buick automobile, when two to three men, when four men crossed from the Missouri side to a stolen motor skiff. After holding the fugitives to better holes in the skiff to sink it, he drove them to Waterloo. A fisherman gave descriptions of the five men to the detectives.

Inquiry in the neighborhood where Morlene's automobile had been stolen disclosed that Goudy, of Nameoki, was renowned for his freckles. Goudy and two men committed a mail robbery at Crystal City, Mo., on Sept. 15, when four men crossed from the Missouri side to a stolen motor skiff. After holding the fugitives to better holes in the skiff to sink it, he drove them to Waterloo. A fisherman gave descriptions of the five men to the detectives.

Details of the Robbery.

The robbery at Crystal City, Mo., which is 40 miles south of St. Louis, was committed at 4:51 p. m. without a shot being fired. Postmaster Houghton had received a registered mail pouch from a St. Louis train was returning to the postoffice in a truck driven by Henry Galvin, a negro, when a stolen Chrysler automobile, occupied by four masked men, blocked the road. Three men, armed with shotguns and revolvers, seized the pouch, after disarming Postmaster Houghton and Galvin, and escaped in the automobile, using the St. Louis road.

The Chrysler was abandoned near Herculaneum, Mo., where the four men stole a skiff and crossed the river to Harrisonville, where the stolen pouch contained \$45,000 in currency and silver, shipped by the Federal Reserve Bank of St. Louis to meet the semi-monthly payroll of the Pittsburg Plate Glass Co. plant at Crystal City.

ST. LOUIS POST-DISPATCH

The Only Evening Paper in St. Louis With the Associated Press News Service

ST. LOUIS, SATURDAY EVENING, DECEMBER 27, 1924—18 PAGES AND RADIO SECTION.

FINAL EDITION

(Complete Market Reports)

PRICE 2 CENTS

TRAFFIC OFFICIAL FOUND DEAD BY WIFE



—STREET PHOTO.

WILLIAM C. JOHNSTON.

KANSAS UNIVERSITY CHANCELLOR OUSTED

Action Taken by State Board of Administration, Headed by Gov. Davis.

By the Associated Press.
TOPEKA, Kan., Dec. 27.—Chancellor E. H. Lindley of the University of Kansas was removed from office today by the State Board of Administration, of which Gov. J. M. Davis is ex officio chairman. After the board had been in executive session for an hour, Chancellor Lindley was called before it and his resignation demanded. He requested time for consideration. This was denied him and the motion vacating the office was adopted at once.

MINER SAVES MAN'S LIFE BY HOLDING BACK COAL SLIDE

Powerful Laborer Refuses to Let Firemen Rescue Him Before Fellow Worker.

Special to the Post-Dispatch.

NEW YORK, Dec. 27.—Michael Long, a laborer, proved his heart and his courage as great as his giant body when he entered a coal pocket last evening and saved the life of a fellow worker, buried to the neck with sliding coal, with another coal avalanche impending. More than 500 tons of coal in the pocket had frozen and become jammed. Benjamin Braderak, a laborer, went into the pocket to loosen the coal so it would flow through the chute into waiting trucks. His efforts started a slide that buried him to the neck. Injured and frightened, Braderak shouted for help.

In Tomorrow's Sunday Post-Dispatch

Her Life Was Like a Novel, So She Wrote It and Won \$15,000

—How Martha Ostenso, 24-year-old school teacher gathered the material for a prize-winning book.

Around the World in One Hop—Why American Zeppelin builders believe a giant dirigible which could circle globe is a possibility and their plans for construction of a ship twice as big as the Los Angeles.

Gave Wife Fortune Against Time—The Time Came—The unusual outcome of a matrimonial provision made by S. A. Lynch, known as "The Mysterious Millionaire."

New Light on St. Louis Life of Post-Dispatch Founder—Joseph Pulitzer was a lad of 18, just out of the army and penniless when he arrived here. Eighteen years later he was the owner and editor of two great and influential newspapers. Something about the story of his climb to place and power over extraordinary obstacles.

Order Your Copy Today

HEART ATTACK AND GAS FATAL TO W. C. JOHNSTON

Wife Finds Traffic Man
Dead in Hotel Kitchen-
ette, With Room Filled
With Gas.

CORONER'S INQUEST NOT SURE OF INTENT

Carbon Monoxide Poisoning Alone Not Enough to Kill, Jury Declares in Open Verdict.

An open verdict was returned at the inquest today into the death of William C. Johnston, widely known traffic official and a former president of the Missouri Athletic Association, who was found dead yesterday in the gas-filled apartment, occupied by him and Mrs. Johnston, in the Melbourne Hotel.

The verdict read, "death due to dilatation of the heart and chronic arterio-sclerosis and from fuel gas poisoning, whether accidental or intentional, not determined."

Body Against the Stove.

Johnston, who was 61 years old and was partially paralyzed on the right side as the result of two paralytic attacks, was found dead in the kitchenette of the apartment, beside the gas range, an oven jet of which was open. The body was found by Mrs. Johnston, who was awakened about 7:30 a. m. by the choking fumes and gave the alarm. Barney Ashbrook, a bellman, and his wife, Ida, an elevator operator, responded.

Ashbrook testified at the inquest that he found the windows closed, and Johnston's body slumped against the range. He said he turned the body over, which disclosed cuts about the face and head. Mrs. Johnston was hysterical, he said, but told him she had withdrawn her husband's head from the oven and then closed the oven door.

Dr. Oliver H. Campbell, 3542 Washington boulevard, testified he had been treating Johnston for about six years, and that he was subject to acute heart attacks. The coroner's autopsy report gave the cause of death as acute dilatation of the heart and arterio-sclerosis, but added that the presence of carbon monoxide was established, but of insufficient quantity to cause death alone.

Wait for Son's Arrival.

Johnston was freight agent and sales manager of the Donk Bros. Coal & Coke Co. He was a native of Alto, and for many years prior to his connection with the coal firm, was with the Chicago and Alton Railroad at East St. Louis.

Besides the wife, Mrs. Grace Rutherd Johnston, he is survived by two children—Dr. Meredith Johnston, a physician of Washington, D. C., and a daughter, Mrs. Doris Johnston Paddock, wife of Capt. Richard B. Paddock, U. S. A. of Fort Sill, Ok. Capt. Paddock is a nephew of General Pershing. Mrs. Paddock was a maid at the Villed'Prophete ball of 1914, and in 1915. They were married in 1920.

Funeral arrangements were withheld, pending the arrival of the son.

JONES LOSES IN HIS CONTEST AGAINST ROESSEL

Supreme Court Refuses to Prohibit the Naming of a Special Prosecutor in the County.

GRAND JURY INQUIRY MAY NOW PROCEED

Investigation Has to Do With the Integrity in Office of the Prosecuting Attorney.

By the Jefferson City Correspondent of the Post-Dispatch.
JEFFERSON CITY, Dec. 27.—Prosecuting Attorney Adam Henry Jones of St. Louis County has lost his fight to prevent appointment of Robert A. Roessel as special prosecutor to direct the grand jury investigation of Jones' integrity and effectiveness as a public official.

The State Supreme Court en banc today denied Jones' application for a writ of prohibition to prevent Circuit Judge Wurdeman from appointing Roessel. A temporary rule had been issued, preventing the appointment of Roessel while the application was pending, but the judge is now free to make the appointment.

No opinion was handed down by the court. An entry of writ denied was made on the record, which showed that Chief Justice Graves and Judge Woodson dissented from the majority ruling denying the writ.

The investigation of Jones, which was ordered by Judge Wurdeman when the grand jury was convened by him Sept. 18, because of charges of "protection" of bootlegging and gambling, has been hampered by the actions of Jones, ever since it was ordered. Jones' term of office will expire next Wednesday and the grand jury must adjourn by Jan. 8, the end of the term of court.

First Order in the Case.

Judge Wurdeman at first ordered the temporary removal of Jones from office, ordering him replaced by Wayne Ely, but Jones was successful in having the State Supreme Court prevent this. Then it was arranged for First Assistant Prosecuting Attorney William E. Jones, who is not related to Adam Henry Jones, to advise the grand jury in its investigation of his superior, but he resigned on Dec. 18, to become County Counselor.

Jones was appointed special prosecutor on Dec. 4, but Prosecuting Attorney Jones instituted the action in the Supreme Court to prevent Roessel from serving.

Defeated for Re-Election.

Jones was elected in November, 1922, when many candidates of the Clean Election League were successful, following the nomination of machine candidates, who opposed them, in the corrupt primary. Later the league repudiated Jones, and the man who was executive head of the league campaign, J. Porter Henry, ran against Jones, and was in need of immediate assistance. The call did not state the nature of the ship's distress.

Earthquake Recorded in Washington.

By the Associated Press.
WASHINGTON, Dec. 27.—An earthquake of moderate intensity 5000 miles from Washington was registered early today on the seismograph of Georgetown University. Father Tondorf placed the time of the vibrations as beginning at 6:35 a. m., and lasting until after 8 a. m. He said no distinct maximum was shown.

MITCHELL'S WILL NAMING WIDOW BROKEN BY JURY

Former Head of Fire Brick Company Had Left His Wife Half of Estate of \$32,000.

PROPERTY WORTH \$118,000 INVOLVED

Other Holdings Were Disposed of Under Various Agreements—Suit Revealed 40-Year Romance.

The will of Stanislaus Mitchell, former president of the Mitchell Fire Brick Co., who died April 22, 1922, leaving half of his estate to his wife, Mrs. Annie Berry Mitchell, was broken by the verdict of a jury in Judge McElhinney's court at Clayton today.

It involved disposition of an estate of \$42,000, which, under the decision, will go to Stanislaus Mitchell, a nephew, of Reno, Nev., who brought the suit.

Other suits pending in the probate courts of St. Louis and St. Louis County, based upon the same allegations of unsound mind and undue influence, involve property worth about \$76,000 disposed of under pre-nuptial and other agreements between Mitchell and his wife.

The trial, in progress for two weeks, brought to light a romance which began more than 40 years ago, when Mitchell and Dr. J. M. Berry were rivals for the hand of Miss Annie Marshall. Berry won her, Mitchell did not, and he devoted himself to the accumulation of wealth. After the death of Berry he married the widow.

These facts were brought out in Mrs. Mitchell's effort to show that her husband was not sane when he married her. The proof on the other hand was that Mitchell was not of sound mind when the will was made and that he was unduly influenced by Mrs. Mitchell.

In his will he gave to other relatives half of his estate which had not been before disposed of. But it is contended in the other suits that he had conveyed most of his property to Mrs. Mitchell before making the will.

TRAIN HITS KIRKWOOD CAR, 30 CHILDREN ESCAPE UNHURT

Injured Passenger Says Street Car Did Not Go Ahead to See if Track Was Cleared.

A northbound Kirkwood-Ferguson car, carrying a class of 20 Webster Groves school children, who were on their way to St. Louis, was struck by an eastbound Missouri Pacific freight train at the track intersection near Brentwood at 12:15 p. m. today.

The rear platform of the street car was wrecked, but none of the children was injured. A. H. Corneet of Webster Groves, a passenger on the car, suffered a sprained ankle when thrown from his seat. He reported to Sheriff Willman's office that the conductor, A. A. Niche, had failed to go ahead of the car at the crossing to see if the way was clear.

ANNUAL RUSH TO PAY TAXES BEGINS AT CITY HALL

Corridors Crowded and Clerks Prepare to Forego Meals to Handle Crowds.

The customary annual rush to pay personal and real property taxes, before the ending of the calendar year, was on in full force at Collector Koeln's office today, with corridors crowded and clerks prepared to forego meal hours and work night shifts.

The levy for this year is \$26,361,615.52, of which \$7,255,088.97 had been paid in before today. The remainder not paid by midnight, Dec. 31, will be subject to a penalty of 1 per cent a month, though mail postmarked before midnight, containing payments, will relieve the taxpayer of being classed as a delinquent. Last year the levy was \$24,374,733.52, of which \$7,027,973.95 had been paid in at this time.

Olympic Retired Until April.

LONDON, Dec. 27.—The first Olympic has been withdrawn from the taxpayer of being classed as a delinquent. Last year the levy was \$24,374,733.52, of which \$7,027,973.95 had been paid in at this time.

Sub-Zero Temperatures Forecast for the Middle Western States Tonight

Cold Wave From Canada Is Driving Into Rocky Mountain Region—60 Below at Halleck, Nev.

COLDER TONIGHT, LOWEST WILL BE ABOUT ZERO

THE TEMPERATURES.

By the Associated Press.
CHICAGO, Dec. 27.—Another cold wave, the third of a series, was driving from Western Canada into the Rocky Mountain States today, with forecasts that it would spread zero and sub-zero temperatures into the Middle West by tonight.

The Middle West just had breathed a sigh of relief when thermometer readings got into double figures above zero as the cold wave of the last few days drove eastward with diminished energy when the reports of the renewed onslaught were received.

Seventeen deaths followed in the wake of the Christmas cold, a nationwide check indicated; four in Illinois, three in Ohio, three in Colorado, two in Oregon, and one each in California, Texas, Utah, Montana and New Jersey.

In the near Northwest the effects of the new cold spell were felt early today, a strong wind adding to the intense cold. Below-zero temperatures were prevalent in Minnesota, Wisconsin and North and South Dakota. It was 10 below zero in St. Paul early today. Grand Forks, N. D., has 13 below today night. Fargo had 12 below. At Eau Claire, Wis., it was 6 below.

Nevada continued to lay claim to the United States' cold record, however, Halleck reporting 69 degrees below zero last night, and Death reporting 59. At Elko the temperature was 40 below.

Globe, Ariz., had the coldest weather in 16 years yesterday when the mercury dropped to 15 above zero. In California's San Joaquin Valley, temperatures in the past 24 hours reached a new low of 17 above zero. Fresno reported 22 above zero.

Seattle reported a cold wave in the Puget Sound district, where temperatures 8 degrees below freezing were reported. Subzero temperatures still prevailed over Nebraska this morning. Valentine reported 8 degrees below zero at 8 a. m., while the average for the State at that hour was placed at about two degrees below.

CITY AGAIN FACES ZERO TEMPERATURE

St. Louis, hardly through shivering from the cold wave that descended here last week in the wake of the ice storm, is confronted with the prospect of zero weather again tonight.

The first slight thaw occurred yesterday, with a maximum temperature of 37 at 3 p. m., and the mercury has dropped steadily since then, going, for instance, from 16 to 14 between 9 and 10 a. m. today. The Weather Bureau expects the new cold snap here to last several days. It is part of a cold wave covering all the states north and immediately west of Missouri. St. Joseph, Mo., had zero temperature this morning and most of the country except along the South Atlantic and Gulf coasts and part of the Pacific coast is cold today.

Boats of the Federal barge line have been taken to Cairo, Ill., and boats of other lines have been removed southward, following the usual winter custom, to escape ice in the Mississippi. River men say the cakes of ice are heavier and earlier than usual this year and they fear that the dropping stage of the river may permit the ice to gorge in some places and freeze solidly across the stream. The river stage here this morning was 2.3 feet, a fall of .8 of a foot since yesterday, and the dropping temperature is increasing the ice. The Federal barge line uses Cairo as its northern terminus at this season of the year.

Light Wires Repaired.
Service of the various public utilities has approached or reached normal, except long-distance telephone service, following strenuous efforts to repair broken wires and other damage of the storm. Only a few hundred isolated homes and a few hundred isolated homes are without electricity; these are places where individual service wires had been broken; all main feeder lines are repaired.

Telephone service is not fully restored because some of the circuits to some of the places are still out. The Associated Press has some what incomplete service with Chicago and Kansas City and has been broadcasting news nightly from Radio Station KND, chiefly for the benefit of several Illinois cities which cannot be reached otherwise.

M'CLINTOCK'S HEIR SAYS HE HAS NOTHING TO CONCEAL

Foster Father of "Millionaire Orphan" Arrives in Chicago and Demands Public Exoneration.

DENIES HE EVER SAW TYPHOID GERMS

Bacteriologist Had Stated He Visited Laboratory Several Times Before Youth Died.

By the Associated Press.
CHICAGO, Dec. 27.—William D. Shepherd arrived in Chicago today from Albuquerque, N. M., for the investigation of the death of his foster son, William M. McClintock, the "millionaire orphan." He declared he would seek a public exoneration of the publicity that has been directed against him.

Shepherd said he expected to have some questions to ask regarding the investigation. "I have come voluntarily from Albuquerque," he said, "to answer such questions as may be asked of me and also to ask some questions. I will seek public exoneration as widespread as the publicity given the accusations against me."

"I want to get at the bottom of this affair and I want the legal authorities to do so," Shepherd added. "There is nothing to conceal."

Shepherd was met by his law partner, Robert H. Stoll, and they went to his office for a time and then to the Criminal Court Building, where the State's Attorney is proceeding with the investigation.

Shepherd prepared to take vigorous action in his own behalf prior to going to the State's Attorney's office, and after a conference with his partner he indicated he expected to seek legal redress against persons who he believes responsible for statements made against him.

"After this investigation is all over, we are going to blow up some people here," he asserted. "When asked if he intended to start libel suits against the persons he referred to, he said: "That is my intention at present. The program, however, is in the hands of Mr. Stoll and Edward Hedrick, in whose office I have just been conferred. Mr. Hedrick volunteered to assist Mr. Stoll because he is my friend and neighbor."

Friend Calls Shepherd a Fighter.
Shepherd declined to say what persons he suspected, as behind rumors reflecting upon him which led finally to the present investigation. Stoll said he had nothing to say about libel suits at this time. "We are still on the defensive," he said.

"Mr. Shepherd is a fighter," said Thomas Newman, a friend who met his train and accompanied him to his law office. He dropped his law practice in Indianapolis to enlist as a volunteer in the Spanish-American War.

"I am at a loss to account for the attitude of Judge Olson toward me (Chief Justice Harry Olson of the Municipal Court, who has been in the investigation)," said Shepherd. "I did not know I had any enemies—except one man."

Shepherd said he had supposed Justice Olson friendly. It was stated at the State's Attorney's office following examination of Miss Isabelle Pope that the latter, McClintock's fiancée, had said members of her family had been requested to visit the home less frequently. Shepherd said the request discouraging visits had been made because "the cook threatened to leave. The second maid said if the cook left she would go."

Cook Witnessed Will.
The cook, he said, was Eva Nelson, who today was mentioned in another connection at the State's Attorney's office, as one of the witnesses of McClintock's will. Miss Mary Gertner, housemaid, said under examination that when she was in service at the McClintock home she and Eva Nelson had been requested by "Billy" to witness the will.

"It is hard enough to get new servants in Kenilworth at best," said Shepherd, "and would have been impossible with illness in the family. Mrs. Shepherd could not have managed the house alone, and Billy would have had to go to a hospital. I laid the situation before the doctor and he made the request discouraging visitors."

"We did not care a thing about"

Continued on Page 2, Column 5.

DOG DIES IN VAIN EFFORT TO SAVE HIS MISTRESS FROM FIRE

Collie Succeeds in Tearing Clothing From Aged Woman But Both Expire in Few Minutes.

Special to the Post-Dispatch.

NEW YORK, Dec. 27.—Five years ago, on a cold winter's night, Mrs. Mary J. West, then 70, of 353 West Fifteenth street, found a shivering collie puppy in the street and took him into her home, basement three-room apartment. She named the puppy Find 'em. He became her sole, but devoted companion.

Early last evening, when Mrs. West's clothing caught fire from a blaze in her apartment which she tried to extinguish with a pail of water, Find 'em leaped to the rescue.

Disregarding the flames, he tore her clothing from her. A few minutes later, when Mrs. West died of the shock and inhalation of fumes, Find 'em, who had crept to the side of his mistress, gave a little canine sigh and passed away. The spirit of the dog had followed the soul of his mistress with scarcely a moment's delay.

FARM CREDIT CORPORATION VOTES TO RETURN \$600,000

Sum Represents 10 Per Cent of Subscriptions to Its Capital by Stockholders.

By the Associated Press.

MINNEAPOLIS, Dec. 27.—The board of directors of the \$10,000,000 agricultural credit corporation, organized to aid Northwest farmers in the recent economic stringency, today voted to return to its stockholders 10 per cent of their subscriptions to its working capital of \$6,000,000.

The Competitive Home Spirit

The spirit of competition when used with common sense, is commendable.

To go in debt in order to build a brilliant room because your neighbor has one is not always wise. But to invest in a home because your friends own their homes, is sound all through—the competitive spirit at its best.

Aid in acquiring your home in the community where your friends live, or in any other desirable spot is offered you in the Post-Dispatch "Real Estate" column.

The Post-Dispatch The Perfect Market-Place

St. Louis One Way

DIRECTORATE OF SPAIN ANXIOUS TO GIVE UP POWER

Members Feel They Are Not Fully Qualified to Administer Affairs of Nation.

NEW CONSERVATIVE PARTY FORMED

It Has Clerical Backing and Calls Itself "Patriotic Union"—Rule of "Intellectuals" Suggested.

By the Associated Press. FRANCE. Spanish Frontier, Dec. 27.—Although leading politicians of Spain continue to abstain from expressing themselves regarding the possibilities of the future government of the country when the existing military directorate sees fit to retire, numerous hints are appearing in the newspapers of Spain concerning what is likely to occur. The idea seems to prevail generally that the present dictatorship is approaching the conclusion of its term of power. This anticipated change, it is declared, is not a consequence of the determination of the Spanish people to oust the directorate, but is because the members of the directorate desire to quit a position for which they themselves feel they are not qualified.

New Party Formed. It is stated by those familiar with the situation that members of the military directorate have been searching for months to find potential successors. Steps have been taken by the directorate, with the aid of the clerical and conservative elements, to form a new party with purely patriotic ideals. This party, under the name of the Patriotic Union, appears to have taken shape. Recent figures show that it had already established 487 centers, or committees throughout the country, with a reported adherence of 92,034. Sixty-four districts in which committees have been formed have thus far failed to report progress. Fears are expressed that the party's adherents were moved by a patriotic spirit.

Besides the formation of the new party, it is understood that search has been made elsewhere for possible office holders who will be capable of taking over the administration of the country's affairs. Intellectuals Opposed. It was suggested that a government formed of intellectuals should be chosen, but the Spanish press reported that many objections were raised to this idea. This argument was advanced that the intellectuals were equally as inexperienced as the members of the present directorate, and that many of them possessed new and strange ideas of government and were unlikely to exert the proper influence on the nation.

A more definite idea is recently reported to have come from political quarters. In this direction, it is believed, according to observers, that as a consequence of the recent campaign against King Alfonso, some of the former political leaders will rally to the aid of the military directorate on the pretext that it is their patriotic duty to protect the monarchy. These former leaders are expected to permit themselves to be persuaded to accept office in a transitory government. This government is regarded as the one which is likely to take over power from the purely military directorate while the national elections are being organized.

Ibanex Calls Himself a Don Quixote Sworn to Save Country. Copyright, 1924, by the Press and Publishing Co., Inc., New York World and the Post-Dispatch. NICE, Dec. 27.—Vincenzo Ibanex has spent some \$15,000 out

Out of His Christmas Solitude a 63-Year-Old Negro Becomes a Hero

War Department Awards Distinguished Service Cross to Lonely Night Watchman at Union Station for Valor in Philippines 25 Years Ago.

This Christmas, as usual, didn't appear to mean much in the life of a 63-year-old negro, who for three years, with shoulders erect, has faithfully plodded his post as night watchman at the Union Station subpostoffice. He hadn't been burdened with Christmas gifts in other years and this year, it seemed, would not be an exception. But the day before Christmas the Government picked this man out of his solitude and designated him as one of the nation's war heroes. It transpired that what would have been a drab holiday into the brightest Christmas of his life, presenting a remembrance of no material worth, yet, nevertheless, priceless.

It was a Distinguished Service Cross. Twenty-five years later, but it came in time to brighten the remaining days of an army veteran who served his country 24 years, valorously in war and faithfully in peace.

The Story of His Heroism. Of Samuel Copeland, of 2835 Pine street, in its official citation awarding the Distinguished Service Cross, the War Department says: "Samuel Copeland, Private in the United States Army, retired, then private in Company A 24th Infantry, for extraordinary heroism in action against Philippine insurgents at Naguilian, Luzon, Philippine Islands, Dec. 7, 1899. When the command of which he was a member was held up in the crossing of the Rio Grande de Cagayan by rifle fire from a well entrenched enemy, and being without boats or rafts with which to cross, Private Copeland with five other members of his company volunteered to swim the river. Displaying great gallantry and with utter disregard for his life he swam the river in the face of a heavy rifle fire, returned to the shore, secured arms and ammunition, crossed a second time and took part in an attack which drove a superior force of the enemy from their trenches and the town occupied by them, thereby making possible the further advance of his company."

Regiment to Pass in Review. Delay in awarding the cross was explained by War Department officials. While an appropriation bill of 1919 provided for decoration for acts of bravery performed before the World War, the research branch of the military department has been concerned with awards for deeds performed during the World War. Lately this division has been going

of his own pocket to bombard his native Spain with brochures denouncing King Alfonso and the military dictatorship. He said today he would keep up the fight until he goes broke, adding: "I intend abandoning literature as long as the Spanish situation remains intolerable. I am no politician but a patriotic kind of Don Quixote sworn to save my country. I have spent 200,000 francs since the beginning of my campaign against the King and the directorate seven weeks ago, and am prepared to spend more. I am dropping 2,000,000 brochures on the chief cities of Spain from two especially chartered airplanes alone cost a small fortune, as the risk to the pilots was so great. I have nothing to gain and everything to lose. I receive on an average of 200 insulting, provocative letters daily from grandees, Generals and Ministers. So did Zola."

"I did not know Editor Varella (who has announced his intention of slapping the novelist's face), but let him come to see me if he chooses, though the only two I will fight are Alfonso and Primo de Rivera."

There was said that the French Government could not and would not extradite him. He denied the report, saying all his own books have been banned by Moscow. The New York World and Post-Dispatch correspondent gained the



SAMUEL COPELAND.

through the old documents and came upon Copeland's record. "Things won't be done half way when the Government pins this medal on the former army private. The famous 24th Infantry, rich in army traditions, will pass before him in formal review at Jefferson Barracks in his honor. He will join the old uniform which he put aside in Australia, where he spent several years, will place the medal on his breast and salute this gray-haired veteran, who belatedly takes his place among the nation's heroes."

Crowded Adventure Was Copeland's Life. At nine he ran away from home at Lynchburg, Va., and went to New York, where he got a job as cabin boy on a square-rigged sailing vessel, the Aurora. The ship burned in the harbor of Calcutta, India, when the cholera plague was at its height. From there he went to Australia, where he spent several years. And so on, until he was a man of 30. It was then that he became a waiter in a hotel in Washington, D. C., where he stayed until the news came of the disaster to the "Maine" in the harbor at Havana. He then joined the Twenty-fourth Infantry and was sent almost at once to the Philippines.

He never married, and is making his home with his last living relative, a cousin, Mrs. Josephine Ashby. He gets a \$12 a month pension, and with that, and the money he gets as night watchman, he manages to live very comfortably but not enough to allow him to travel, which he is still quite willing to do if he can "find some gentleman who is going on a trip around the world who could use me as a valet."

Impression that a dramatic meeting to the death is quite possible if Primo de Rivera invites it and crosses to neutral soil.

TWO-WAY TRANSSEA RADIO COMMUNICATION BY AMATEURS

American Talks to British Station and Picks Up Its Message.

By the Associated Press. ATLANTIC, Mass., Dec. 27.—What is believed to be the first two-way wireless telephone communication between amateurs in England and the United States occurred on Christmas eve between 7 and 8:15 p. m. Eastern standard time, when Sheldon S. Heap, amateur radio operator here, communicated with and heard B. B. Clapp, Warwick road, Coudon, County Surrey, England. It became known today.

The work was done on comparatively low wave lengths in the neighborhood of 100 meters. Heap said. The English station used more power than the American, sending on 100 watts as compared with slightly more than 450 employed here. The signals were received with such strength that the phones could be placed on the operating table and copied perfectly, Heap said.

DISINFECTANT FIRM BROKE: UNSECURED DEBTS \$47,000

A voluntary petition in bankruptcy was filed in Federal Court today by the Cremoline Disinfectant Co., a corporation with offices at 123 South Main street. An affidavit signed by Lon F. Morris, president, and attached to the schedule of assets and liabilities, showed that the company had no money enough to cover the \$47,000 filing fee and hence takes advantage of the law applying to a poor person.

Liabilities are listed as \$87,954, the largest creditor being the National City Bank, which holds a note for \$37,000 secured by accounts assigned to the bank. The remaining claims, totaling \$47,954, are unsecured. Assets listed at \$6643, comprise machinery, tools and stock in trade.

Lights Out in South St. Louis. South St. Louis generally was without electricity for about two hours, beginning at 1:05 a. m. today, because of trouble with a transformer at the Cahokia plant of Union Electric Light & Power Co. Afterward the Cahokia plant picked up the load and restored the current.

MRS. RHINELANDER AWARDED \$300 A MONTH ALIMONY

Wife of Rich Young New Yorker Also to Get \$3000 Counsel Fees, Court Rules.

By the Associated Press. NYACK, N. Y., Dec. 27.—Supreme Court Justice Tompkins today awarded \$300 a month temporary alimony to Alice Jones Rhinelander, pending trial of her husband, Leonard Kip Rhinelander, after their marriage last Oct. 3. Mrs. Rhinelander, who is wealthy in her own right and also is the prospective heir to millions, charges that her husband is a gambler and that he has been grossly neglectful of her and their children. She also charges that he has been grossly neglectful of her and their children.

Ready to Answer All Questions. Shepherd several times has declared himself ready to answer all questions and aid the authorities in the inquiry which, as far as announced, has produced nothing but a mass of statements from persons who knew McClintock or his family, or Mr. and Mrs. Shepherd.

The first information as to the findings of the pathologists at the autopsy was announced yesterday (Copyrighted by the Associated Press). It was that the boy had died of typhoid fever, but the investigation has not been completed.

Shepherd will be questioned regarding statements of F. T. Bredigan of Battle Creek, Mich., formerly in charge of the laboratory of the Illinois Research Laboratories here, who told of visits in 1919 to the laboratory by Shepherd, who expressed interest in bacteria cultures and discussed typhoid germs with him.

Bredigan's statement was made public by George E. Gorman, assistant State's Attorney, at the same time that the prosecutor's office announced that it was investigating all possibilities of the case, not excluding that of typhoid inoculation and improper feeding of the patient to hasten or aggravate his illness.

Two Visited Laboratory. In St. Louis, Bredigan said, he and his brother, a brother of Judge Harry Olson, Chief Justice of the Municipal Court and a friend of the McClintock family who asked that the investigation be brought before the laboratory.

They were introduced to him, he said, as "William McClintock and Mr. Shepherd." The man known as Shepherd, Bredigan said, came with Dr. Olson and later made three or four trips alone.

During visits to the laboratory, Bredigan said, the man known to him as Shepherd, who worked as an express delivery man, expressed particular interest in bacteria cultures, also discussing typhoid germs with Bredigan, explaining he was a chemist and druggist and was interested in clinical medicine.

On three occasions, he said, a woman introduced to him as "Mrs. Shepherd," accompanied the man but she did not enter the laboratory. The last time he saw her was the statement said, was at the funeral of Dr. Olson, but he added that he did not talk with them then and did not know where they lived.

Joseph Savage, Assistant State's Attorney, said his office had not determined as yet what significance might be attached to Mrs. Bredigan's statement which came to the office from Judge Olson's Commission on the investigation he said:

"Our investigation is including all possibilities of the case, not excluding that of typhoid inoculation and the possibility of improper treatment of the patient, such as the feeding of solid foods. Our examination of Dr. Rupert Stoll, attending physician, today failed to elicit any confirmation of the possibility that McClintock's couple had been hastened or his illness intentionally aggravated."

"Dr. Stoll told us that he was called in Nov. 23 and that from then until his death Dec. 4, the patient was constantly under his observation, and under the care of nurses assigned to the case by himself."

"Dr. Stoll said that the reported request that visitors not come to the residence was made at his instance in the interest of the patient's health, and to keep the servants. He said the servants had complained that there was too much company, and that they had to get on their feet for guests."

Dr. Stoll said that when he was first called upon by McClintock seemed to be suffering from an affection of the nose and throat, and while he seemed "very ill" he showed no symptoms of typhoid fever until a few days later.

Dr. Stoll also said he had never heard McClintock or Miss Isabelle Pope express the wish during the illness to be married immediately. The first he learned of this, he said, was through the newspapers after the young millionaire's death.

"Whole Story Not Told." Judge Olson, who asked that his inquiry be instituted, in commenting on the autopsy, said:

"I never have expected that poison or anything of that sort would be found. It would not surprise me at all if the autopsy clearly showed that McClintock died of typhoid fever, as his physicians said. But the autopsy will not be the end of it. The whole story has not been told. Much remains to be cleared up, and the investigation should not end until it is clear that McClintock's death was natural."

The body of McClintock, which had been disinterred for his autopsy, was again buried in Oakwood Cemetery yesterday.

Stoll yesterday submitted several letters from young McClintock to his mother, in which he addressed the letter to his father and called himself their son.

Says McClintock Heir Asked About Typhoid Germs

Continued from Page One.

Billy's money. We loved Billy," he continued. "Billy sent me a memorandum while he was at Dartmouth of what he wanted to be embodied in his will. He had told me he wanted to make a will as soon as he was of age, and that he wanted me to prepare it. According to my practice, I submitted to him a draft of the will. It was his idea to make Miss Pope an annuity conditional upon her remaining single; I proposed that he give her outright a definite part of his property. He said he did not want any other man, her husband, to spend his money—a perfectly natural feeling."

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DUCHESS ON WAY TO UNITED STATES

Underwood and Underwood Photo.



Underwood and Underwood Photo. The DUCHESS OF SUTHERLAND, with the Duke, is now aboard ship for America. She was formerly Lady Ellen Butler, daughter of the seventh Earl of Lanesborough.

BOYS FIGHT DUEL TO SEE "WHICH CAN SHOOT BEST"

One Participant in Hospital Not Likely to Recover—25 Young Men Witness Encounter.

By the Associated Press. DALLAS, Tex., Dec. 27.—Julius Jordan, 16 years old, is in a hospital not expected to live and police are searching for another youth about the same age, as the result of a shotgun duel between the boys yesterday afternoon to see "which could shoot the best."

The shooting followed an argument between the two boys as to which one was the best marksman with air rifles and when the discussion became somewhat heated, some companions went for the shotguns so the boys could settle the affair.

The shotguns were thrown down between the youths, each took one, then backed away about 50 or 60 feet and both fired. Jordan dropped wounded while the other boy ran away.

The left side of Jordan's face and head is filled with buckshot and his left eye is believed to be shattered. Part of his face was shot away.

FORMER DEPUTY CONSTABLE WAS FREED IN BURGLARY CASE

No Evidence Connecting Russell Miller in Any Way With Jewel Robbery.

Russell Miller, former Deputy Constable of St. Louis County, who was twice arrested during the investigation of the \$6600 jewel robbery at the home of L. S. Day in Clayton, was released when county officers working on the case failed to find any evidence connecting him in any way with the burglary.

Miller was drawn into the case upon the arrest of Katherine Shannon, a housemaid employed at a home in University City, and in whose room part of the loot was found. She had mentioned Miller and it was at first understood and erroneously stated that Miller had been attentive to her. Afterwards it was disclosed that a former postoffice clerk, who later confessed carrying out the burglary alone, was the man to whom she referred as her former associate.

Miller is married and lives with his wife and child at 2442 Belt avenue. He denies he ever knew the Shannon woman or was connected in any way with the burglary. His release for lack of evidence upon which to hold him came after he had been held a total of 10 hours.

MAN'S DEATH ATTRIBUTED TO FUSE OIL POISONING

William Schulte, 42, Collapsed in Parlor of Downtown Movie Theater.

A coroner's verdict of death from fuse oil poisoning and acute alcoholic intoxication was returned today in the case of William Schulte, 42 years old, of 4208 Cleveland avenue, who died in an ambulance on the way to city hospital last evening. Fuse oil is found sometimes in whiskey.

Schulte, who was a weaver and had come here from Belgium recently, collapsed in a parlor of Loew's State Theater after buying a cigar. The cigar was purchased from a house manager had noticed that he appeared to be drinking. He asked questions indicating he was seeking to improve his knowledge of English.

HOLIDAY SUICIDES IN BERLIN

Ten Ended Their Lives, and 20 Attempted To Do So.

By the Associated Press. BERLIN, Dec. 27.—Ten persons ended their own lives and 20, including five women, made unsuccessful attempts to suicide in Berlin on Christmas day. Unhappy married experiences or unemployment were the principal incentives. Hanging, gas and firearms were the methods chosen. The total number of suicides in the city for Christmas is 10 years.

PUBLISHING FIRM SOLICITOR HELD HERE

C. W. Edward Charged With Failing to Turn in \$3000 to Indiana Concern.

Cameron W. Edwards, a solicitor for the Parish Leaflet Co., of Hobart, Ind., was arrested at Hotel Melbourne last night on complaint of L. W. Applegate, general manager of the concern, who advised detectives that Edwards had made collections of about \$3000 for the company and had not turned in any of it.

His arrest was brought about by George A. Davies of 4918 Franklin avenue, an attorney who had been warned by Applegate to watch Edwards' alleged operations in St. Louis. According to information placed in Davies' hands, Edwards has worked many times as a solicitor for the Hobart company but has never sent on to his employers any of the funds he received as payment for orders placed with him.

Let forth in a letter to Davies, Edwards had said he had applied to the Parish Leaflet Co. for employment about a year ago and that he was formerly a solicitor in the Royal British Legion in England. He was given a job through a full with his name. Edwards reported orders for 1000 copies of leaflets for the Parish Leaflet Co. and was given a job through a full with his name. Edwards reported orders for 1000 copies of leaflets for the Parish Leaflet Co. and was given a job through a full with his name.

It is alleged Edwards embezzled collections made in Chicago, Oklahoma, Illinois and Missouri. He is being held in the city jail. At Police Headquarters Edwards is insisting that the difficulty was explained by the fact that some of the collections were made in churches, and he was given a job through a full with his name. Edwards reported orders for 1000 copies of leaflets for the Parish Leaflet Co. and was given a job through a full with his name.

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BABY IS BORN IN TEXAS

Youngster Is Named "Jim" After C. & A. Conductor.

Chicago & Alton train No. 11, St. Louis to Chicago, was overtaken yesterday by the York, and after leaving Springfield, Ill., conductor James Conner placed on the drawing room of the locomotive of the family, Miss Mary J. McAlpin, New York, who was a passenger, officiated as midwife.

The parents, Mr. and Mrs. J. McAlpin, of Quainto, Okla., who were on their way to Chicago, had been aboard cars for six days. The boy baby was named "Jim" after the conductor.

NINE SAVED WHEN SHIP FOUND BY THE ASSOCIATED PRESS

CHRISTIANIA, Dec. 27.—The Norwegian steamship Sordland, reported to have foundered off of Trondhjem, Nine of the crew were rescued, but 12 others are believed to have been lost.

The Sordland is a small steel ship 628 gross tons.

The dressing that improves salads, sauces, sandwiches and cold meats

Recipe book on request.

Premier Salad Dressing

FRANCIS L. ROBERTSON & CO. NEW YORK

Dry Premier Coffee

ST. LOUIS POST-DISPATCH

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DEMOCRATS HOPE TO AVOID PRIMARY FIGHT FOR MAYOR

Leaders Seek to Eliminate Contest in March in Order to Concentrate Voting Resources.

DEFINITE SWING TO CANDIDACY OF IGOE

Republicans Find Themselves Hopelessly in for Hot Fight—Kiel Delays His Announcement.

A desire of Democrats to eliminate a primary fight for the mayoral nomination in March is growing.

The hovering specter of a 42,000 Republican majority with need for concentration of voting resources above and beyond that which the Democratic City Committee is capable of delivering.

A fight in the primary between party leaders with need for concentration of voting resources above and beyond that which the Democratic City Committee is capable of delivering.

G. O. P. in for Hot Primary. Republicans find themselves hopelessly in for a hot primary fight.

In fact the inevitable slogan makers have appeared with their contribution. "I'll go with Igoe" is the attitude of the party.

It is a not clear of opposition in the view of the party. The primary four years ago, would like to run again, although he is not so anxious for the honor that he would have through a sea of opposition for it.

However, the Republicans realized the situation, and are ready to meet it, feeling secure of ultimate success. Democrats see the Republican majority as a sword of Damocles, but believe they have a chance if a fight with the party is averted. Their preliminary efforts will be directed toward the elimination of internal strife.

It now appears Victor J. Miller, former president of the Police Board, and Mayor Kiel are almost certain to split the organization support and Miller and Judge Grimm would cut heavily into each other with independent strength.

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MAN RESCUED AFTER TRYING TO END LIFE IN RIVER

CHRISTMAS FESTIVAL FUND CONTRIBUTIONS

CONTRIBUTORS		CHRISTMAS FESTIVAL FUND CONTRIBUTIONS	
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St. Louis Universe News		St. Louis Universe News	
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is a prescription for
Grippe, Dengue, Head-
Constipation, Biliousness.
the most speedy remedy we
know.

**All Financial Markets Close
Week With Burst of
Bullish Enthusiasm —
Gain in Specialties.**

All financial markets closed the week with a burst of bullish enthusiasm. Wheat sold at a new high level for the first time, cotton reached its highest price in some time. Foreign exchanges were buoyant and activity and strength in stocks was pronounced. Particularly in the industrial group, assumed large proportions and a large number of stocks reached new peaks.

Railroad shares were in good demand, but advances in this section of the market were more moderate. Steels, iron and copper accounts as groups, gave the best accounts as groups, while a number of specialties were up from 2 to 4 points. But the only moderate and steady advance was

Foreign Exchange Strong.—Resumption of trading in the foreign exchanges on the London market stimulated dealings, here and syntactically, in the rest of the world. Sterling moved up a full cent to 147.14, and French francs were 1/2 a point higher at 5.35 1/2 cents. Other increases ranged from 1/4 cent to 1/2 cent for Belgium to 8 points for Holland. Italian lire and Swedish crowns, however, were somewhat easier. Sharp advances again took place in the Argentine South American currencies, leading to a rise of 28 points to a new high level for the year at 39.65 cents, while Brazilian and Uruguayan

The Bank of England statement for 1992 shows that the total borrowings for end of the year requirements. Deposits and other securities increased substantially and the total assets of the bank were accompanied by an increase of £4,285,000. In note circulation and a corresponding decrease in the bank's reserve ratio fell from 19.07 per cent to 18.48 per cent. Advances from Lombard explained the great increase in the total assets. The statement found that in order to avoid the passing of legal maximum of the fiduciary issue (£2,000,000,000) the bank had to withdraw from the bank's reserve. The fiduciary issue increased £581,000 in the week, now standing at £922,000,000.

The statement of the New York Clearing House as of the close of business Dec. 27, showed the following changes: Loans, discounts, investments increased \$5,671,096; time demand deposits decreased \$24,495,000; time deposits decreased \$5,529,000; circulation decreased \$110,000 and excess reserves increased \$48,257,000.

ST. LOUIS STOCK EXCHANGE, Dec. 27.—Transactions in the local stock market at the week end session, in the aggregate amounted to 597 shares of stocks.

[illegible]

WEEK-END CLOSING QUOTATIONS.	
Security.	Bid Asked
National Bank of Commerce	142
American Trust	154 1/2
Maritime Trust	300
St. Louis	250

Best Clymer	41	42
Hard-Welsh Shoe com.	41	42
Brown Shoe pfd	38	39
Brown Shoe com.		70
Fulton Iron Works pfd	100	
E & W Dry Goods 1st pfd	104	105
E & W Dry Goods com.	97 1/2	97 1/2

Food Mart pfd	102	
Fulton Iron Works com	38 1/2	39
Hamilton Brown Shoe	45	
Hydraulic Press Brick pfd	77 1/2	80
Hydraulic Press Brick com	5 1/2	6
International Shoe pfd	110 1/2	
International Shoe com	115	

On-Steph-Shin Shoe	108 1/2	
Shannon Bone Shoe com	47 1/2	43
Acate Gas Light pfd	80	
Acate Steel Co		150
McNiece Stores pfd	100	103
Mc Portland Cement	155	
Est Candy com	105	106

Wahner Shoe com	92 1/2	
Western Realty mfd	94	
Wm. Lee Co mfd	12 1/2	43 1/2
Southwestern Bell mfd	107	108
United Railways mfd	4 1/2	4 1/2
United Railways com		40
United Ry mfd C. & D.	4	4 1/2

General Electric Corp. com.	28 1/2
G. & S. I. T. 3s C of D...	64
I. & S. R. Gen. Mort. 3s...	81
United Ry. 4s	75 1/2
Independent Breweries Co.	25

Foreign Exchange

NEW YORK, Dec. 27.—Following is a list of quotations in the foreign exchange markets:

EXCHANGE.—Sterling (D) 84 71 13-16

FRANCE—Franc (D) 5.40. (C) 5.40½.
ITALY—Lira (D) 4.28. (C) 4.28½.
BELGIUM—Franc (D) 4.98. (C) 4.98½.
GERMANY—Mark (D) 23.81.
HOLLAND—Guilder (D) 20.36.

SWEDEN—Krone (D) 15.10.
 DENMARK—Krone (D) 26.94.
 SWITZERLAND—Franc (D) 17.97.
 ITALY—Lira (D) 10.41 1/2.
 GREECE—Drachma (D) 1.81 1/2.
 PORTUGAL—Escudo (D) 10.

ROMANIA—Crown (D) 3.02%
 AUSTRIA—Crown (D) 1.52
 ROMANIA—Crown (D) 0014%
 ROMANIA—Crown (D) 32.
 ARGENTINA—Peso (D) 38.62
 BRAZIL—Munro (D) 11.56
 MEXICO—Yen (D) 38%
 MONTREAL—Dollar (D) 00%

Turpentine, Flax, Linseed
Lined oil, in 1 to 4 barrel lots, now
\$2.50 per gallon for new and \$1.32 for
old.
SAVANNAH Ga. Dec 27, 1917

7744: sales: 330 receipts: 671
 15.850 Receipts
 1299 receipts: 4177 ship
 1299 receipts: 4177 ship
 1299 receipts: 4177 ship
 1299 receipts: 4177 ship
 1299 receipts: 4177 ship
 1299 receipts: 4177 ship

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STOCKS REED

SPRINGS

RISE

All Financial Markets Close Week With Burst of Bullish Enthusiasm — Gain in Specialties.

By Leased Wire from the New York Bureau of the Post-Dispatch.

NEW YORK, Dec. 27.—The Evening Post, in its copyrighted financial report today, says:

"All financial markets closed the week with a burst of bullish enthusiasm. Wheat sold at new high levels for the year, cotton, recovered the best prices in some time. Foreign exchanges were buoyant and activity and strength in stocks was pronounced. Speculative buying on the market, particularly in the industrial group, assumed large proportions and a large number of stocks reached new high prices for the year. Railroad shares were in good demand, but advances in this section of the market were modest and erratic. Steel, metals, motors and autos, the oil's gave the best accounts as groups, while a number of specialties were bid up from 2 to 5 percent. Bonds were only moderately active and steady.

Foreign Exchange Strong.

"Presumptive action in the foreign exchanges on the London market stimulated dealings here and virtually all rates finished at the best prices in some time. Sterling moved up a full cent to 4.71 1/2, and French francs were a point higher at 5.35 1/2 cents. Other increases ranged from 1/4 of a point in the case of Belgium to 8 points for Holland. Italian lire and Swedish crowns, however, declined. The dollar advanced 1/2 cent against the mark, while the Swiss franc advanced again took place in the leading South American currencies. Argentine pesos climbed 28 points to new high levels for the year at 29.85 cents, while Brazilian and Uruguayan rates were strong.

"The Bank of England statement for week reflects market borrowings for end of the year requirements. Deposits and other securities increased substantially and this expansion in liabilities was accompanied by an increase of 14,248,000 in currency circulation and a corresponding decrease in the reserve. As a consequence the bank reserve ratio fell from 19.67 per cent to 18.18 per cent. Advances from London explain the great increase in currency circulation on ground that in the last circulation and in the maximum of the fiduciary issue (£1,300,000 Bank of England notes were withdrawn from the bank's reserve. The fiduciary issue, however, declined in the week, now standing at £102,192,000.

"The statement of the New York City Clearing House as of the close of business Dec. 27, showed the following changes: Loans, discounts, and other advances increased \$1,452,000; time deposits decreased \$4,259,000; circulation increased \$1,818 per cent. Reserves increased \$4,955,680.

St. Louis Stocks

ST. LOUIS STOCK & COMMERCE. Dec. 27.—The following table shows the closing prices of the week at the St. Louis Stock & Commerce Exchange, Dec. 27, 1927.

Stocks	Price	Change
Am. Tobacco	114 1/2	+ 1/2
Am. Sugar	108 1/2	+ 1/2
Am. Oil	108 1/2	+ 1/2
Am. Lumber	108 1/2	+ 1/2
Am. Steel	108 1/2	+ 1/2
Am. Coal	108 1/2	+ 1/2
Am. Cotton	108 1/2	+ 1/2
Am. Wheat	108 1/2	+ 1/2
Am. Corn	108 1/2	+ 1/2
Am. Soybeans	108 1/2	+ 1/2
Am. Rice	108 1/2	+ 1/2
Am. Sugar	108 1/2	+ 1/2
Am. Oil	108 1/2	+ 1/2
Am. Lumber	108 1/2	+ 1/2
Am. Steel	108 1/2	+ 1/2
Am. Coal	108 1/2	+ 1/2
Am. Cotton	108 1/2	+ 1/2
Am. Wheat	108 1/2	+ 1/2
Am. Corn	108 1/2	+ 1/2
Am. Soybeans	108 1/2	+ 1/2
Am. Rice	108 1/2	+ 1/2
Am. Sugar	108 1/2	+ 1/2
Am. Oil	108 1/2	+ 1/2
Am. Lumber	108 1/2	+ 1/2
Am. Steel	108 1/2	+ 1/2
Am. Coal	108 1/2	+ 1/2
Am. Cotton	108 1/2	+ 1/2
Am. Wheat	108 1/2	+ 1/2
Am. Corn	108 1/2	+ 1/2
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Am. Rice	108 1/2	+ 1/2
Am. Sugar	108 1/2	+ 1/2
Am. Oil	108 1/2	+ 1/2
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Am. Coal	108 1/2	+ 1/2
Am. Cotton	108 1/2	+ 1/2
Am. Wheat	108 1/2	+ 1/2
Am. Corn	108 1/2	+ 1/2
Am. Soybeans	108 1/2	+ 1/2
Am. Rice	108 1/2	+ 1/2
Am. Sugar	108 1/2	+ 1/2
Am. Oil	108 1/2	+ 1/2
Am. Lumber	108 1/2	+ 1/2
Am. Steel	108 1/2	+ 1/2
Am. Coal	108 1/2	+ 1/2
Am. Cotton	108 1/2	+ 1/2
Am. Wheat	108 1/2	+ 1/2
Am. Corn	108 1/2	+ 1/2
Am. Soybeans	108 1/2	+ 1/2
Am. Rice	108 1/2	+ 1/2
Am. Sugar	108 1/2	+ 1/2
Am. Oil	108 1/2	+ 1/2
Am. Lumber	108 1/2	+ 1/2
Am. Steel	108 1/2	+ 1/2
Am. Coal	108 1/2	+ 1/2
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Am. Corn	108 1/2	+ 1/2
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Am. Oil	108 1/2	+ 1/2
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Am. Rice	108 1/2	+ 1/2
Am. Sugar	108 1/2	+ 1/2
Am. Oil	108 1/2	+ 1/2
Am. Lumber	108 1/2	+ 1/2

BANDS—On salary, bus rent free.
Box 608, 118 N. 7th st., col
dun.

MUFFINER—Wants to live a mile west of city
center. reference required. Box 2-353.
Tussock. (e)

HIPPERS—Experienced on
side frames and bolsters.
Ready work. Open shop.
AMERICAN STEEL FOUN-
DRY, Granite City, Ill. (c7)

COUNTER MAN—Good wages
and bonus. CHILD'S,
804 Washington. (e)

MAKERS—First-class, allround. P. M.
Box 308, 439 S. Main St.,
Dodgeville. (e)

ENGINEER—Licensed machinery engi-
neer. main age and experience. Box
1075. (e)

MANAGER—For woodworking plant
with good building. References.
Salary expected. Box N-S. P-Uter?
Box 1075. (e)

MAN TO DRIVE TRUCK—3706A Market!
Must have a driver's license and
be a good mechanic; steady position;
must drive a truck. Address:
Box A-368, Post-Elimator. (e7)

MAN—I large machine shop has an opening for a big
young man who can really do some
work. He must also be able to do light
work for the position and fulfill our idea
of a young man who is about right.
Applications will be received in strict con-
fidence from both sides. Box 1075.
Box 1075. (e)

MAN—Carpenter work and short or
long cooking. Wolf's Cafe, Dupo, Ill.
Box 1075. (e)

SUPERMARKETING AND DISTANCE AT
Cahany 4543R, Windsor.
Box 1075. (e)

TRUNKMAKERS—Wood. 152B
Broadway. (e)

FISTER—Familiar with assay gear
used in Metal Products. 4835 Man-
hattan. (e)

PHOTOGRAPHER—Today on Kodak film
only. Phone Kirkwood 334.
Box 1075. (e)

DRUGGIST—In connection with references.
Lester Drug Co., Grand and Park.
Box 1075. (e)

PORTER—Colored, 18 or 19 years, in
good health. Must apply immediately
at N Union. (e)

MINIMATOR AND FENDER MAN—Expe-
rienced; must be reliable. 4213 E
Wayne St. (e7)

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CHICKEN—\$12 per week and
meat. Apply: HANSH RESTAURANT, corner
and Olive. (c)

WANTED—Experienced housework; white.
Apply: 1111 W. 12th. (c)

Wanted on place for housework and
work with baby; must be experienced.
and references. Call: 2419. (c)

AND (HOUSE)—Experienced. Apply:
of Laundry, St. Luke's Hospital.
and 12th. (c)

Wanted for light housework. 1371
and 12th. Telman 24918. (c)

WANT TO TAKE CHARGE
labor department in downtown store;
be thoroughly experienced and ef-
ficient. P. 114. Post-Blanch. (c)

WANTED—Colored lady, who must
be experienced about house
and office. 2419. (c)

PHOTOGRAPHER—Must have excellent
equipment and speedily make ex-
cellent and reliable prints. 2419.
and 12th. (c)

WANTED—A lady. Apply: St. Louis
and 14th and 12th. (c)

Wanted experienced; ready to work.
Apply: 4443. (c)

WANTED—The best, old of city
will experience in their ap-
proach. 2419. (c)

MAN—Colored and general house-
work on 12th. 2419. (c)

SALESWOMEN WANTED
Apply—Full or part time, no ex-
perience on 12th. 2419. (c)

Persons with spare time can earn a
little extra money. 2419. (c)

Apply: 2419. (c)

WANDERERS DEFEAT SCULLINS, 4-0, ON ICE-COATED FIELD

Only 600 Spectators Witness First of Two Exhibition Soccer Games

Slippery Field Spoils Many Good Shots for Players — Marshall of Visitors Stars With Long Kicks.

ST. LOUIS UNIVERSITY FIELD, Dec. 27.—The Brooklyn Wanderers defeated the Scullins in their exhibition soccer game here this afternoon on an ice-coated field.

The score was 4 to 0.

Only 600 persons saw the contest, the first of two in St. Louis for the Brooklyn eleven. Tomorrow the visitors will meet the Ben Miller, leaders of the local league.

The Scullins were the first to attack and a cross by Thomas gave the locals an opening but the ball was cleared by Goalkeeper Baird. A moment later Brooklyn took the offensive and Center Forward Morgan narrowly missed. In the space of three minutes Goalkeeper Diehl was tested on several hard shots and on one occasion he was forced to concede a corner kick.

The Scullins rushed the ball up the field again and Thomas' hard shot was deflected past the goal for a corner kick by Fullback McMillan.

Players Slip on Ice.

The ball was cleared and play was confined to midfield for several minutes. When in possession of the ball the Scullins advanced by using long passes, often swinging the ball from one extreme wing to the other. Brooklyn, on the other hand, used the Scotch short passing system.

The ice provided very uneven footing and many good chances were lost because forwards slipped when about to shoot.

Brooklyn held the attack for several minutes and Brady was forced to give a corner kick in blocking a shot from Gaud. The kick to center was good, but Hitchcock cleared the ball.

Lavelle and Burke advanced through center and Hart drove the ball into the Brooklyn net, but the goal was not allowed because Hart was outside when he kicked the ball. Goalkeeper Baird yielded a corner kick in clearing Schwartz's shot. On Thomas' kick from the flag, Nolan shot past the goal.

Outside left Yule, receiving a pass from center, shot over the Scullin goal when he was forced to hurry.

Hogg and Curtis got past Brady and Hogg's long cross to center was well placed but inside left Cauley took too long before shooting and a fine opening was thus spoiled. The Scullins clearing the ball. With a slight breeze at their backs and kicking down grade, the Brooklyn full backs appeared to very excellent advantage. Marshall especially getting great distance on his kicks.

On a low hard shot from Hogg, Goalkeeper Diehl made a fine stop by sprawling full length on the ground. He was forced to concede a corner, however. Hogg's kick from the flag was well placed and Right Halfback Morris drove through a high shot which Goalkeeper Diehl was unable to reach. With a 1 to 0 advantage, Brooklyn continued to attack, but the half ended without further scoring.

McCarthy Hurt in Spill.

When the second half opened Schwartz moved to inside right and Lavelle went to outside left for the Scullins. After a foul was called on Manson near the center line, the Scullins pressed and Goalkeeper Baird was tested on a long shot by Schwartz. The ball was cleared and Outside Left Yule drove past the Scullin goal.

In spite of the fact that they now had the advantage of the breeze and a slight down grade, the Scullins had great difficulty in penetrating the Brooklyn defense. The game grew a bit rough and fouls were called on both sides. Neat McCarthy was hurt in a bad fall and play was delayed a moment but the player continued in the game.

Hogg Scores Again.

After a brief Scullin attack which was broken up by Fullback Marshall, Outside Right Hogg had a fine opening, but Diehl stopped his short shot. However, the Wanderers maintained their attack and, taking a cross from the left wing, Hogg again found himself uncovered and he drove through a fine shot, entirely out of reach of Goalkeeper Diehl for the second Brooklyn goal.

Hogg had another opening, but was stopped by Brady. On a high cross from Hogg, Outside Left Yule headed the ball into the net.

In stopping Burke, Center Halfback Short conceded a corner kick to the Scullins. Center Forward Manson fiddled with the ball too long with an open goal before him and Goalkeeper Diehl came out and stopped his shot.

After inside left Cauley had hit the goal upright with a hard shot, a penalty was called on Hitchcock when he handled the ball. Outside Left Yule took the free kick and placed the ball high in the corner, but the goal for Brooklyn's fourth score.

Schwartz sent Thomas far down the line with a clear field but the outside right's cross to center was easily handled by Goalkeeper Baird, who cleared the ball.

The game ended without further scoring.

A \$20,000 Player.

Brooklyn presents a very colorful lineup against the Scullins to

Indoor Sports



Cardinals Send Three Athletes To Oakland Club

Delaney, Fowler and Bratcher Go to Oaks as Part Payment for Mails.

Manager Branch Rickey of the Cardinals announced yesterday that the three players due the Oakland club of the Pacific Coast League in exchange for Southpaw Walter "Duster" Mails had been released to the Oaks. The tossers sent to the Coast team were Pitchers Art Delaney and Pete Fowler and Outfielder Joe Bratcher.

Delaney made the spring training trip with the Cardinals last spring, but in mid-season he was released to the Texas League for further seasoning. Fowler, a southpaw, was obtained from Springfield and finished the 1924 campaign with the Cardinals.

Bratcher played with the Oakland club last season, having been released to the Oaks last spring. He was obtained by the Cardinals from the Okmulgee club.

No hint has been made regarding the players to be sent West may be a far-corner guard. Rickey has several who will be given tryouts in the Stockton, Cal., training camp next spring. It is possible that the two athletes still due Oakland will not be named until the Cardinals get to the training camp.

Recently it was announced by Manager Rickey that two veteran outfielders, Max Flack and Hi Myers, would not be with the club next year.

YARWOOD SECRETARY OF NEW CALIFORNIA BOXING COMMISSION

SACRAMENTO, Cal., Dec. 27.—The recently appointed members of the California State Boxing Commission, organized yesterday by electing Seth W. P. Strelinger of Fresno, president, and selecting Walter A. Yarwood of Santa Cruz secretary.

Strelinger is a member of the American Legion and a portion of the proceeds from boxing and wrestling contests under the law will go to the aid of former service men.

McTigue Stops King.

ATLANTA, Ga., Dec. 27.—Mike McTigue, who holds the world's light heavyweight championship, last night won a technical knockout over Jimmy King, New Orleans, in the fourth of a 10-round bout here.

Last Night's Fights.

BUFALO, N. Y.—Frankie Schell, Buffalo, defeated Tiger Flowers (Ga.) negro, fought a six-round draw.

NEW YORK.—Paul Berlenbach knocked out Larry Estridge, New York, second round, in the second round. Jack Delaney of Bridgeport, Conn., defeated Pat Reed of Boston in 12 rounds. Tracy Ferguson of Wallingford, Conn., knocked out Mike Carrier of New York in the fifth round. Eddie Eklund of New York outpointed Sid Kemper of Beaver Falls, Pa., in four rounds.

ATLANTA, Ga.—Mike McTigue, world's light heavyweight champion, won a technical knockout over Jimmy King of New Orleans in the fourth round.

GRAND FORKS, N. D.—Russell Leroy of Fargo knocked out Navy Rosten of Philadelphia in the fourth round.

Racing Results

At Jefferson Park.

Weather clear; track good.

FIRST RACE, \$700, claiming, maiden and up, 1/2 mile and 70 yards—Prize \$100. Starter, 115 (Foley), 116 (Foley), 117 (Foley), 118 (Foley), 119 (Foley), 120 (Foley), 121 (Foley), 122 (Foley), 123 (Foley), 124 (Foley), 125 (Foley), 126 (Foley), 127 (Foley), 128 (Foley), 129 (Foley), 130 (Foley), 131 (Foley), 132 (Foley), 133 (Foley), 134 (Foley), 135 (Foley), 136 (Foley), 137 (Foley), 138 (Foley), 139 (Foley), 140 (Foley), 141 (Foley), 142 (Foley), 143 (Foley), 144 (Foley), 145 (Foley), 146 (Foley), 147 (Foley), 148 (Foley), 149 (Foley), 150 (Foley), 151 (Foley), 152 (Foley), 153 (Foley), 154 (Foley), 155 (Foley), 156 (Foley), 157 (Foley), 158 (Foley), 159 (Foley), 160 (Foley), 161 (Foley), 162 (Foley), 163 (Foley), 164 (Foley), 165 (Foley), 166 (Foley), 167 (Foley), 168 (Foley), 169 (Foley), 170 (Foley), 171 (Foley), 172 (Foley), 173 (Foley), 174 (Foley), 175 (Foley), 176 (Foley), 177 (Foley), 178 (Foley), 179 (Foley), 180 (Foley), 181 (Foley), 182 (Foley), 183 (Foley), 184 (Foley), 185 (Foley), 186 (Foley), 187 (Foley), 188 (Foley), 189 (Foley), 190 (Foley), 191 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Salary Increase
Voted Brown by
St. L. U. BoardJ. McMahon Says Notre
Dame Star Is Sure to Be Re-
tained as Line Teacher.

H. J. McMahon, president of the St. Louis University Athletic Board, announced this morning that while Harvey Brown, former Notre Dame star and line coach, had not been signed to a new contract, it was almost certain that Brown would again be connected with the Blue and White institution in 1925.

"It is true that Brown asked for an increase in salary, but this already had been voted him by the Athletic Board following Head Coach Dan Savage's recommendation that Brown be retained," asserted McMahon.

Action After Holidays.
"However, nothing definite regarding the status of Brown will be done until after the holidays. The Athletic Committee has not held a meeting since Savage made his recommendation and it is hard to get the group together during the holidays."

"We have had applications from several men for the position, but we are confident that Brown will be the man named for the place." Brown, it is known, has had offers from several other schools, among them St. Mary's College, Minnesota U. and Creighton. Last season was Brown's first at St. Louis University. He was a star center with the Notre Dame eleven. Not bidding for Stuhldreher, McMahon also asserted that there was no truth in the report that St. Louis University was making a bid for the services of Stuhldreher, star quarterback of this season's undefeated Notre Dame eleven, who finishes his college career in the game against Stanford New Year's day.

McMahon said that it was his understanding that Stuhldreher already had been signed as an assistant to Bill Roper at Princeton. Coach Dan Savage, who spent the Christmas holidays at his home in Cleveland, will attend the annual meeting of the Association of Football Coaches in New York on Monday.

Vermont for Turkey Day.
Announcement was made yesterday by President McMahon of the Athletic Board that the University of Vermont had been signed to play the Billikens in the annual Thanksgiving day game here next season. This is the third intercollegiate contest on the Billikens' 1925 schedule, the others being with Carnegie Tech and West Point.

Vermont did not enjoy a successful season in 1924, winning but two of the nine games played. The victories came over Providence and Norwich. Among the eleven that defeated Vermont were Marquette, Boston College, Dartmouth, Holy Cross and the Navy.

McMahon said that the Billikens' 1925 schedule probably would be completed in the next few days.

Giants' Manager
Brutally Wakens
Boston DreamerMcGraw Called Out of Bed at
1:30 A. M., Denies He
Will Head the Braves.

Special to the Post-Dispatch.
NEW YORK, Dec. 27.—The Boston dreamer who decided that John J. McGraw would become the manager of the Boston Braves and bring that team back into baseball in the year 1925 was all wrong. The story was printed in the Boston papers yesterday and served, possibly, to make a brighter and better Christmas for a lot of fans—and they are faithful fans in Boston. Look what they have gone through.

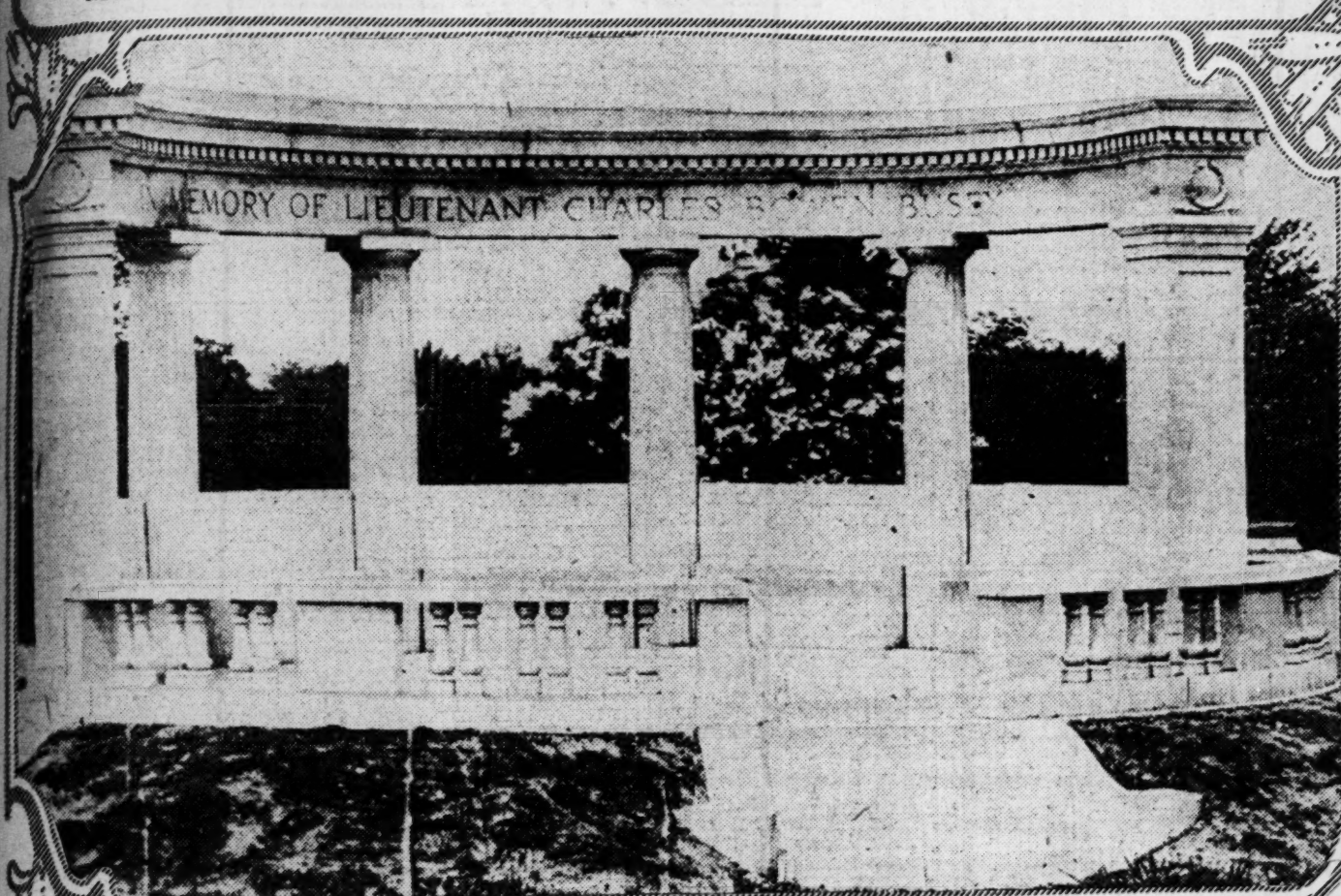
But the story has one fatal defect—it isn't so. John J. McGraw smiled and shook his head at the Giants' offices yesterday, but try as they would, three score questioners couldn't get anything in the way of an affirmative from him on the proposition. Rather they got only brutal denials.

"I value my contract as manager of the New York Giants, aside from my holdings in the club, far more than I would value the Boston franchise in the National League. I have been in New York for 21 years and made what fame I have as a manager here. When I leave the Giants no other baseball club will appeal to me."

"How this report that I am suddenly to shift to Boston started I can't tell. The Boston folks seem all worked up over it. A Boston newspaper called me on the phone at 1 o'clock in the morning. I told them it was news to me, but apparently they knew better."

Scotty Will Be "There."
Among the rumors broadcast at the Yankee office was one that Miller Huggins, in his attempt to bolster up his shortstopping, might place "Nig" Cullum, the Omaha slugger, at second base, where he played well, and send Aaron Ward to short. Among the regulars, however, the betting still reigns at 20 to 1 that the season would open with Everett Scott at his familiar place. Reports as to the "slipping" of Scott were declared by Messrs. Barrow, Krichell and Holly, who should know, as "winter stuff."

MASSIVE MEMORIAL IN MEMORY OF LIEUTENANT



A monument just completed at Urbana, Ill., erected by the parents of Lieut. Charles Bowen Busey of that city. It is probably the largest memorial built in honor of an individual soldier of the World War.

NEW WAY OF POLITICAL CAMPAIGNING



A political demonstration in support of the "Zentrum" party proceeding through Berlin. The political workers use bicycles and carry political placards on their backs.

ANDERSON FREE
REARRESTED

William H. Anderson, former New York State superintendent of the Anti-Saloon League, leaving Sing Sing last Wednesday morning and being immediately taken in charge by two detectives who arrested him again.

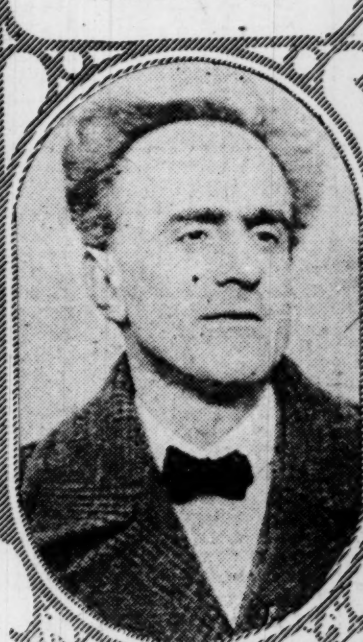
Wife World Photo

FORMER MRS ASTOR IN LONDON



The former Mrs. Ava Willing Astor (center), mother of Vincent Astor, is as active in the social life of London as she was in New York when she was the wife of the late John Jacob Astor. The photo, taken at the Grosvenor House bazaar in aid of Queen Alexandra's home for disabled soldiers at Roehampton, shows Lady Bingham, the former Mrs. Astor, who is now Lady Ribblesdale, and Lady Abby.

International Newsphoto Photo

NOTED
BIOLOGIST
ARRIVES

Dr. Paul Kammerer, the Viennese biologist, was a passenger on the incoming liner America. Dr. Kammerer will lecture on rejuvenation.

P. A. Photo

DAUGHTER OF FORMER
PRESIDENT BACK

Mrs. W. S. Dell, formerly Miss Marion Cleveland, daughter of Grover Cleveland, photographed on her arrival in New York from France to visit her mother, Mrs. Thomas J. Preston Jr., in Princeton, N. J.

(C) Underwood & Underwood

SCOTLAND YARD USES RADIO

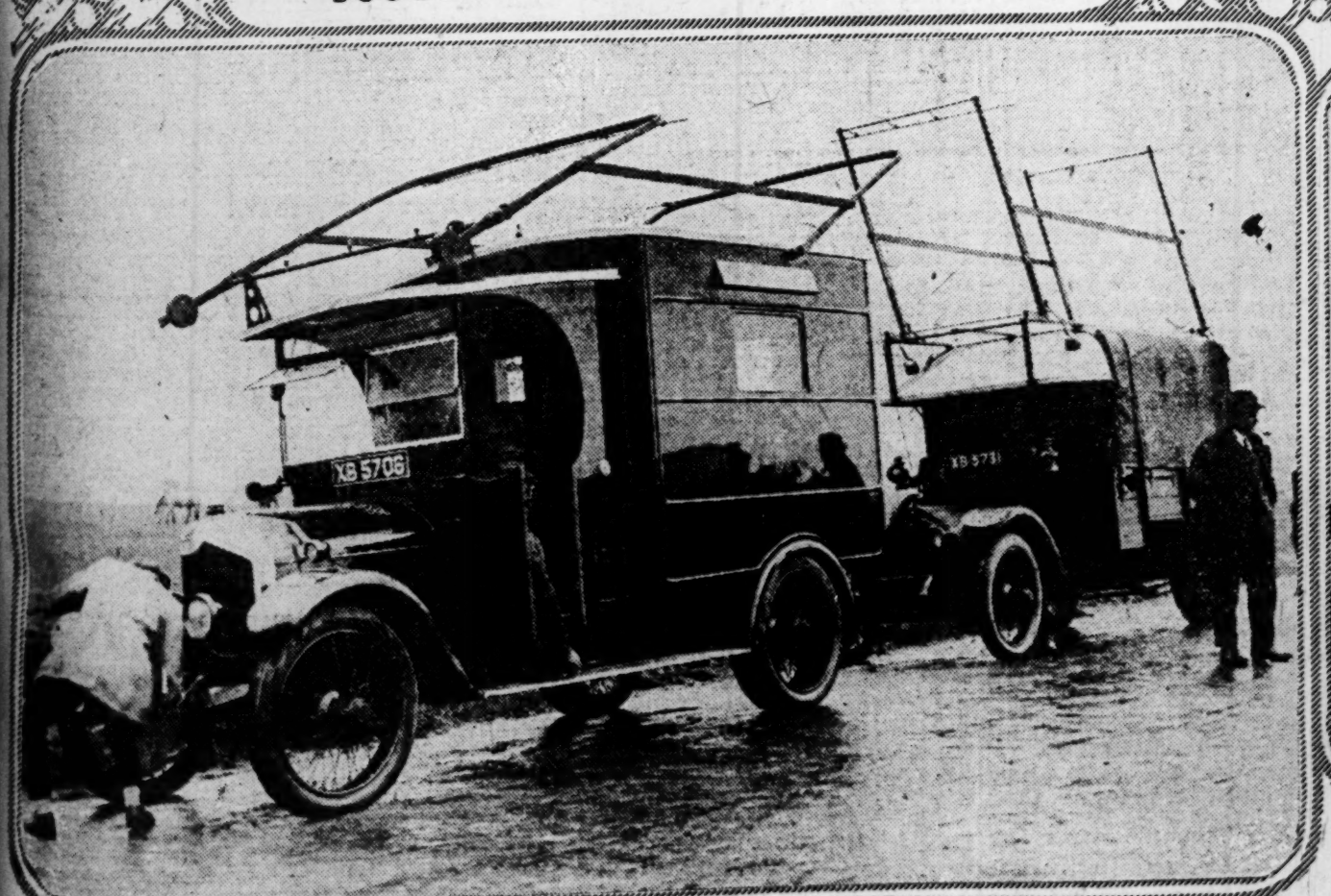
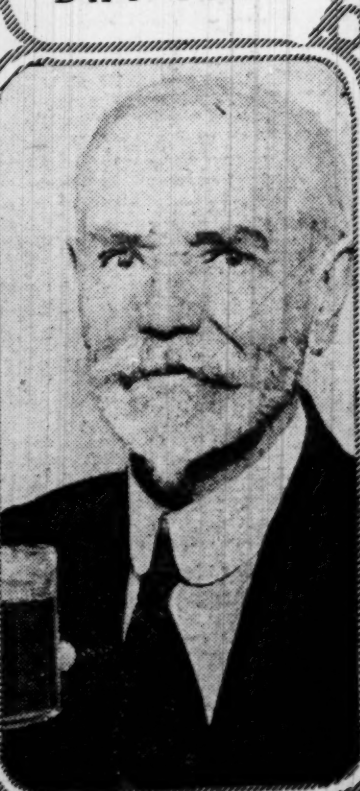


Photo shows motor cars from Scotland Yard police headquarters. London, equipped with radio to either send or receive messages.

International Newsphoto Photo

ENDS 21-
DAY FAST

Dr. William Z. Kumler, 65-year old retired physician of New York City, celebrated the completion of a 21-day fast on Dec. 21, by taking a 12-mile walk.

P. A. Photo

UNVEILING MONUMENT TO ROOSEVELT



General James G. Harbord delivering the address at Santiago, Cuba, after the unveiling of the monument to the late Theodore Roosevelt.

—Fountain

DOUBLE ENGE FOR WOMEN

THIS POST-DISPATCH, DECEMBER 27, 1924.

re—At Lethe Spring Fashions Are .:



PHOTOS BY WIDE

Holly O. Crepe, in three shades, makes this youthful frock attractive.

Miss Embroidered in all colors, makes this most attractive for the

Casavan is the name of this three-piece costume, with its long waistline and added flounce.

Of printed pussy willow is the costume above. It's full skirt, with its matching pantalettes protruding below the skirt, giving it the appearance of a tight undershirt, is a new note for spring.

HELPS FOR THE MOTHER

By Emilie Hoffman

DO YOU play with your children? This does not make a toy of the child, so many unthinking mothers think. Playing with the child is a fundamental principle of the Froebel system and it means coming down to the level of the child.

"But I will lose in discipline authority if I join in the play," say children, expositulate mothers who do not understand that mother gains vastly by close companionship with her child. The real pal to the boys, she is their loyalty and gains their affection and devotion. The mother of mother and "how it would be" has kept many a child from playing with his mother.

The wise mother readily recognizes the possibilities of play with her children. She does not "have the time." She is doing something else, or she is house with sister. Perhaps she is sewing.

When the little girl, all up like a lady, comes calling, Mrs. — she is treated just as a bona fide caller. Here the mother has an excellent opportunity to teach her child good manners, breaches of etiquette are avoided during the play and many of good breeding can be taught in this way that would be impossible in the ordinary routine of life.

When Billy must stay at home and you have reached your patience in admonishing him, just play a bit with him. He will store and if you use play money he will learn the value of the various denominations. Teach him to walk on the toes, to raise his hat when you lady friends, to open doors for you and to let you enter first.

Many acts of courtesy are thus taught which help him to be appreciated as he grows older.

Let daughter give an afternoon. The other children and dolls can be guests. Let her play a bit with him. He will store and if you use play money he will learn the value of the various denominations. Teach him to walk on the toes, to raise his hat when you lady friends, to open doors for you and to let you enter first.

Many acts of courtesy are thus taught which help him to be appreciated as he grows older.

Don't Hurry if You'd Conserve Your Beauty

By LUCREZIA BORI, the Famous Spanish Prima Donna



LUCREZIA BORI

Have you ever noticed how many people who hurry past during the day wear a worried expression on their faces? They are hurriedly hurrying to get there on time? Or do you start so late in the morning that you must hurry to each task of the day as it comes along, finding yourself just a little bit later for each one?

The first step in correcting this beauty-destroying feeling is, of course, to plan your day so you will not have to be rushed about so. And this can be done, even if you have to teach yourself to become a better manager than you are at present.

For instance, if you have work which rushes you, do try to plan the details so you can take more time in going from one to the other. There is a great difference between doing work rapidly and feeling rushed. You can learn to do work rapidly and well without dashing so that you get the hurried feeling which I am warning you against.

If your work happens to be housekeeping instead of going out to business, you can learn to apply the same method of planning to the tasks you do about the house, and thus avoid rushing. Perhaps you have to see that others get off on time in the morning and this hurries you. It may be you will have to get up a bit earlier, but surely there will be some way you can manage to avoid feeling hurried and harassed.

You must try, also, to avoid registering every emotion upon your features. For of course there are times when none of us can escape a certain amount of worry. But when this creeps upon you, do try not to frown and let your mouth go down at the corners more than you can help.

I am not advocating features that are altogether immobile, understanding. For there is much beauty in the play of emotions across the face, but it is better to register your happier feelings more often than the other kind, for then the lines which more are more becoming ones!

I have an instance in mind that occurred but a very short time ago. A woman who was curious of the love existing between two other women friends carried tales between the two and brought about very hard feelings. For months they avoided each other and were very unhappy.

But the day of reckoning came as it usually does. The women met somewhere in the heart of the woods and they were thrown together in an unusual way and had a chance to discuss the whole matter. They realized the mischief the covetous one had made. The result of the whole thing was that the erring one was given absent treatment, not only by the two women, but it seemed every one of their acquaintances learned about it. She had to leave town.

BREAKING UP FRIENDSHIPS

By Sophie Irene Loeb

THE meanest person in the world is he who tries to create trouble between friends. In the words of Cicero: "They seem to take away the sun from the world who draw friendship from life; for we have received nothing better from the immortal gods, nothing more delightful."

You cannot sow the seeds of spite and reap any kind of a harvest of happiness. When a person continues to malign another he gets into the habit until it becomes difficult for him to say something good. It shows in his face and in his actions and he is generally mistrusted. Look about you—there is always some one in your midst whose whole demeanor is repellent because you know he has nothing nice to say about anybody.

Such a one soon finds himself pretty much alone. The good old adage, "See not, hear not, speak not evil" of any one stands in good stead. There is something that gets into the very air and creates good. If you send out good thoughts, while you cannot just prove this by arithmetic, everybody knows the results by experience.

Music is one of the professions which shows a drop in its women members for the last 10 years, 11,650 fewer than in 1919.

At a recent meeting of the National Lodge of Pipe Smokers held in Atlanta, Ga., women were barred from membership.

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Children's Stories : Household Hints

Children's Bedtime Story : By THORNTON W. BURGESS

The Young Otter's Curiosity Is Satisfied

True courage never gives way to fear When unexpected foes appear.

—Old Mother Nature.



For an instant Yowler hesitated.

NEVER was Peter Rabbit more filled with curiosity than was the willful little Otter, plunging through the snow toward a certain little hemlock tree. She was sure that she had seen something move under that little hemlock tree. She hadn't the least bit of fear. Never in her short life had she been in real danger. Never has she had a real fright. You see always her father, Little Joe Otter, or her mother had been close at hand. And of course with father or mother near there was never anything to be afraid of.

Now the lowest boughs of that little hemlock tree were bent to the ground by the snow on them. Under them it was dark. It was in this darkness that the little Otter had thought she saw something move. She kept her bright eyes fixed on it as she drew nearer. A few feet from it she stopped abruptly. In fact darkness under the boughs of the hemlock tree there were two little spots of light. The young Otter stared and blinked and stared again. Gradually she made out a face. The two little spots of light were two eyes, glowing with hunger and savage eagerness. The face was a fierce-looking face. Never had the young Otter seen such a fierce-looking face. For the first time in her life a chill of fear ran all

only a jump behind her. Never was there a more frightened youngster in all the Great World than was that young Otter. But she was no coward. Like a flash she turned to face Yowler, spluttering and snarling.

For an instant Yowler hesitated. He had hoped to spring on her back. But he hadn't been quite quick enough. She was not fully grown, but still she was big enough to fight hard, and so Yowler hesitated. But it was only for a moment. He knew that she was young and probably never had been in a fight. He was quite willing to be bitten and scratched a little for the sake of such a dinner as that young Otter would make him. So with a snarl Yowler sprang at her.

He tried to seize her by the throat, but she was too quick for him. The next instant they were rolling over and over in the snow, snarling, spluttering, growling, biting and clawing at each other. Now Yowler likes to fight on his back so that he can use those great, stout hind feet of his to rip and tear. But an Otter, like other members of the Weasel family, can twist and turn in a marvelous way. So the young Otter managed to keep out of reach of those clawing hind feet.

Such a fight as that was! There was no longer any fear in that young Otter. She was simply fighting mad. But Yowler was bigger and stronger and he was an old fighter. It certainly looked bad for that willful, heedless, young Otter.

NOTES ABOUT WOMEN

There are about 27,000,000 women of voting age in all the States in the United States.

More than 5 per cent of the physicians and surgeons in the United States are women.

Women rulers are quite numerous among the larger tribes of natives in the Belgian Congo.

Miss Katherine M. Frick, who has been a student in the Pennsylvania Institute for the Blind since she was a child, is called the "second Helen Keller." Though she is deaf, dumb and blind, she now can read, write and use a typewriter.

At the age of 96 years, Mrs. Mary Weber of Covington, Ky., is said to be the oldest rug maker in the world.

At a recent meeting of the National Lodge of Pipe Smokers held in Atlanta, Ga., women were barred from membership.

Music is one of the professions which shows a drop in its women members for the last 10 years, 11,650 fewer than in 1919.

Pumpkin Pie Filling.

Select a heavy pumpkin of the size desired, cut it into quarters and remove the seeds and soft fiber, then peel and cut it into small pieces. Place it in a kettle with a pint of water and cook gently until very tender. Mash smoothly, then add to each pint of pulp a pint of milk and two eggs, a teaspoonful of salt, a cupful of molasses, two heaping teaspoonfuls of cinnamon and a cupful of brown sugar, then beat well. Taste and add what seems to be lacking. Add a half cupful of very carefully melted and strained butter. Line the pieplates with short crust, finishing the edges with a floured fork tine, fill with the pumpkin mixture and bake in a moderate oven until the crust is done and the pies blistered and delicately browned.

ADVERTISEMENT

Aspirin Gargle in Tonsillitis

Cut This Out and Save if Subject to Sore Throat

A harmless and effective gargle is to dissolve two Bayer Tablets of Aspirin in four tablespoonfuls of water and gargle throat thoroughly. Repeat in two hours if necessary. Be sure you use only the genuine Bayer Tablets of Aspirin, marked with the Bayer Cross, which can be had in tin boxes of twelve tablets for few cents.

Notice to Taxpayers

Taxes for 1924 are now due. All money for taxes must be in hands of Collector before close of business December 31st, to avoid penalties—added January 1st.

Send for statement, giving description of property (not later than December 29th, to insure reply), enclosing postage.

EDMOND KOELN, Collector of the Revenue.

MEDITATIONS —OF A— MARRIED WOMAN

By HELEN ROWLAND

TRAFFIC-HINTS FOR LOVE.

IN love, as in motoring, a woman is always disobeying the traffic rules—and then wondering how the "smash-up" occurred.

Remember that the parking time is always short in the congested area of a woman-tamer's heart.

Never follow any man so closely that it will JAR you if he STOPS suddenly.

When you see a sign, "No parking here," on a man's heart, do not despair; there is always some little side-entrance or alleyway, like "Platonic friendship," where you can wedge your way in.

Always carry protective fenders on your heart, so that it may remain intact, despite the jolts, nicks and sideways.

Watch the "other woman" and don't let her "crowd you" out of your place in a man's affections.

Shut off the motor of your emotions when your husband goes out and says he'll "be back in half an hour." Save your gas until he GETS back.

Don't get panicky when you see dangerous crossings or a parting of the ways ahead. Just go slow and keep your head until Fate gives you the signal to ACT.

Look out for the LITTLE cars in Love's path; you can see a big danger and prepare for it, but it's always the unexpected little flivver of a flirtation that upsets you.

Never change your mind after you have signalled for a "turn" in your affections. If you expect a man to take you seriously, sending him away "forever" tonight and calling him up tomorrow morning is a woman's way of wrecking everything.

When you feel a sentimental skid threatening, put on your emotional chains—and go slow. And don't allow yourself to be blinded by ANY man's lights; no man is as dazzling as he seems, while he's making love.

If you see a man is determined to "pass" you up, give him the road and save yourself a lot of painful heart-bruises.

Blow your own horn occasionally; nobody else is going to do it for you.

A woman's heart is always either exceeding the speed-limit or getting parked in the wrong place; but no matter what happens to your heart, DON'T LOSE YOUR HEAD—and you'll be safe!

(Copyright, 1924.)

By ROYAL S. COPELAND, M.D.

YOUR HEALTH

UNITED STATES SENATOR FROM NEW YORK
FORMER COMMISSIONER OF HEALTH, NEW YORK CITY

YESTERDAY I paused in a railroad station to read a placard which gave warning against accidents. This is what caught my eye:

"A moment of carelessness may mean a lifetime of regret."

How true that is!

Every day you see automobilists take chances. In most instances, of course, nothing happens except some extra heart-throbs. But now and then the crash comes and somebody is badly hurt or killed.

It is almost as bad to kill somebody as to be killed yourself. You will suffer remorse the rest of your life if you seriously damage or kill a fellow being.

The charm of surroundings and the forgetfulness of a moment may have results which will ruin your life. That moment of carelessness regarding the outcome of your adventure may mean years of physical suffering, and an untimely death. It may mean destruction for you and lasting disgrace for those dear to you.

A human life is too precious to gamble with. To maintain the body or to infect it with disease is to destroy its usefulness. That careless moment may do both.

Since I am preaching you a little sermon today, I might as well make it a real one. So I shall repeat the question St. Paul asked the Corinthians:

"What! know ye not that your body is the temple of the Holy Ghost which is in you, which ye have of God, and ye are not your own?"

Paul teaches what I think we should all accept—that the body is God's and we have no right to defile it.

It is little short of wicked to do deliberately a thing which we know beforehand will wound the body or produce disease. There are

many hazards which cannot be escaped, but every day we take uncalculated chances.

If we possess a precious piece of china, an antique table, or a fine garment, we treat it with great consideration. We take every precaution against accident to it or damage of any sort.

But to the needs of the far more precious body we seem utterly indifferent. A wound, a growth, an unusual pain, an unaccustomed shortness of breath—too often we disregard a thing which should be mentioned to the doctor.

Let me warn you to use common sense in the protection of your physical welfare. Do not slight or neglect it. Remember always that a moment of carelessness may mean a lifetime of regret.

When a Really Good Cook wants to make a Really Good Cake—She Uses

The old fashioned, reliable Baker's Chocolate

(PREMIUM NO. 1)

By all means the most satisfactory chocolate for cooking or drinking.

Walter Baker & Co. Ltd.
ESTABLISHED 1780
Dorchester, Mass., Montreal, Can.
SUGGESTION OF CHOICE RECIPIES SENT FREE

ODD and INTERESTING FACTS

The famous wild man, claimed by some to have been captured in the jungles of Borneo, was a figure and simple. The notion of a master showman like

For many years nearly every wild and wild west show in the United States claimed to have the wild man of Borneo. Perhaps Borneo

of Borneo was the name of the famous showman as the name of the pretended freak who claimed that island has long been a part of the head hunt-

ers weighing 28 cwt. are used every day by the London General Omnibus Co.; this amounts to 100 tons in the year.

A new record for motor-paced drivers has been set up recently, the table properly under the pervasion. You will find your

to instill good table manners, your handkerchief so much as to pick up articles dropped by ladies.

Playing that daughter is a maid means she will cheerfully let you and acquire your household knowledge.

Block containing 61,120 news-articles, a recent visit to Long Island has been collected for present to his Royal Highness.

It is estimated that 2,000,000 golf balls are now made yearly in this country. Over a million of these in the so-called "iron" clubs.

HOUSEHOLD SUGGESTIONS

Cranberries for the Winter. Why not do up enough cranberries just to last for the winter? Then each time you have turkey your cranberries are all ready. Put it while hot in jelly glasses and cover with paraffin.

Good for All. Procure a box and let the little son or daughter fill it with some of his or her used toys to give to some less fortunate children for Christmas. Any charitable organization will welcome the box for distribution and a spirit of giving is imbedded in your baby as well as the joy of receiving new gifts on Christmas day.

Your Home and You. Four cups of flour equal one pound. Bread used for making toast should be over a day old. Rubber gloves are a great protection when doing any dyeing. A little kerosene in the water will prove a dirt loosener when wiping up the kitchen linoleum. Table linen should be quite damp when ironed and should be ironed until absolutely dry. Then you will have pretty work.

Specimens of sugar, rice, rubber, tea and many other household commodities in growth can be seen in the greenhouses of Kew Gardens, London.

Grouping continents into three "north-south" strips is an educational innovation which the inventor holds would help the study of both geography and history.

WE WISH YOU A HAPPY NEW YEAR

FORBES Quality COFFEE

Franklin FURNITURE CO.

100-102 FRANKLIN AV.

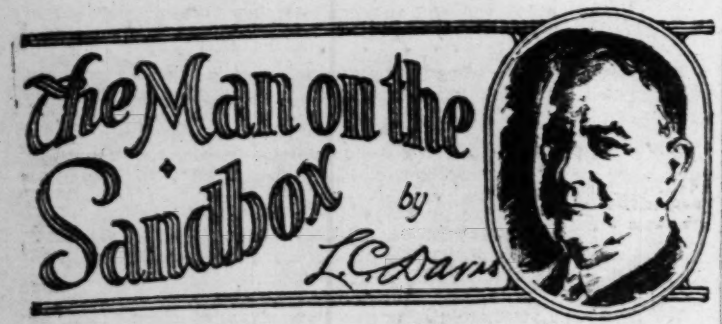
fresh Dry a Brand Today

FORBES Quality COFFEE

Franklin FURNITURE CO.

100-102 FRANKLIN AV.

OH, MAN!—By BRIGGS



THE REINDEER EIGHT
ASKED old Santa Claus one day
Why he did not trade in his sleigh.
And get an auto up-to-date
In which to haul his Christmas freight.

But Santa simply shook his head
And said he'd stick to his old sled.
He said it never jumped the track
And always got him there and back.

He had no engines going dead
And never had to crank his sled;
When, through the atmosphere he soared,
He said he couldn't trust a Ford.

A puncture on the Milky Way
Might cause a serious delay,
And disappoint the girls and boys
Who vainly waited for their toys.

And, furthermore, the price of gas
Would bar him from the auto class;
He said his eight deerpower sleigh
Made many miles per ton of hay.

Twin sixes were all right, he said,
But never could replace his sled;
And, while it might be out of date,
He thought he'd keep his Reindeer Eight.

YOU CAN'T TELL.
Next year probably Santa Claus
Will be sending everything by radio.
In which event juvenile re-
ceiving sets will be in popular de-
mand.

But, it would be tough if static
should step in and knock Willie's
hobby horse for a goal just as he
was getting ready to receive it.

IT IS.
A CROSS-WORD puzzle every
day
Will help to fool the time away;

But, when you tackle three or four
We'll tell the world it's quite a
chore.

TOO TRUE.
The man on the sandbox says it
is easier for a rich man to slip his
head out of a noose than it is for a
poor man to go through the hole in a
doughnut.

Luther Burbank may be a wizard,
but Santa Claus has him
skinned when it comes to making
a variety of things grow on one
Christmas tree.

The cross-word puzzle fabrica-
tors seem to have overlooked "the
mysterious Mr. A." He would go
fine in plugging up a single square.

HOT SHOT FOR THE ARMY.
A year ago Ed. Anderson of near
Linn had us enter the name of his
brother Joe of Roby, Mo., as an U.
D. reader. Thursday Ed came in
and renewed the subscription. We
would like to know if Ed. Anderson
is the only one of the army of U.
D. subscribers who thinks enough
of an absent brother to mail him the
great religious weekly? We say shame
on the unconcern and close-mindedness of such an
army.—Unterrified Democrat.

**"Burglars Take Parlor Rug With
\$700 Loot."**
They will probably be back later
for the floor.

**"Pastor Made Ill by Shampoo
Drink."**
Rather a hair-brained thing to
do, wasn't it?

See where the Community Fund
fell below the goal. Too many
drives, we take it.

In New York 33 persons died of
poisoned liquor in one month. Be-
tween the automobiles and bad
liquor we won't need another war
to stabilize the population.

LIFE'S LITTLE JOKES—NUMBER 399,841—By RUBE GOLDBERG



KRAZY KAT—By HERRIMAN



MUTT AND JEFF—MUTT CERTAINLY GOT A KICK OUT OF THIS—By BUD FISHER



BRINGING UP FATHER—By GEORGE McMANUS



FAVORITE STORIES
By Irvin S. Cobb

TRICKS OF THE TRADE
ONCE upon a time I enjoyed the acquaintance of a street-fair worker who gave up backing for Uno, the Snake-Eater, to run a hot-dog stand. He made it pay, too, until imitators began to copy his methods and so spoiled the game.

But for awhile the customers swarmed thick about his sidewalk establishment, and trade among his rivals in the same line languished. The rivals couldn't understand it at first and neither could I until the busy merchant in confidence explained things to me.

"The secret," he said, "of my success is that I sell two frankfurters for the price of one. Naturally, that brings the custom to me and takes it away from my competitors along the line."

"How can you afford to do it?" I asked.

"I can't and I don't," he paradoxically replied.

"But I see you doing it and you just said—"

"Hold on," he broke in: "let me explain: In my left hand you see me holding up a roll with the tips of two frankfurters sticking out at one end of it. You see me spread the mustard and pile the sour-kraut on the top frankfurter and you see me hand it over to the sucker. Well, haven't you noticed that nearly always he comes back in a minute and complains that when he started to eat it he found only one frankfurter in the roll?"

"Yes, but you explain to him that in the crowd somebody must have jostled his arm so that one of the frankfurters slipped out and fell on the ground and was trampled into the dust."

"So I did, but that was part of the plan. The rest was sleight-of-hand. Look here." He held up his left hand. "Do you observe that I have no nail on my left thumb? It was mashed off years ago and never grew back. And so you also observe that my thumb is painted a rich dark brown with iodine."

"Yes."

"Well, when a sucker buys two frankfurters one of those frankfurters is my thumb."

(Copyright, 1924.)

GENEROSITY DOWN EAST.
It is only fair that once in awhile a story having frugality as its theme should be told on a member of some other race than the Scotch. For one, I am tired of hearing tales such as one I heard the other day.

A man was describing what happened when an Aberdonian was by the plaintive plea of a mendicant moved to practice philanthropy.

"He listened," said the narrator, "to the pitiable story of the beggar and then he slowly reached for his pocketbook and opened it. But I judge he hadn't practiced much charity lately. Because, as he opened it, two moths flew out."

From such libels as this I turn with relief to the little yarn of the Vermont country boy who took his best girl for a ride past where a street carnival was showing. They neared a booth at which fresh, hot buttery popcorn was being sold.

"My, my! Ezra, don't that smell good?" said the young lady.

Ezra checked his horse.

"Don't what smell good?" he asked.

"Why, that popcorn they're gettin' ready."

"Well, yes," admitted Ezra, "it does smell kind of nice. I'll drive up a little closer so's you kin git a better smell."

(Copyright, 1924.)

ST. LOUIS POST-DISPATCH

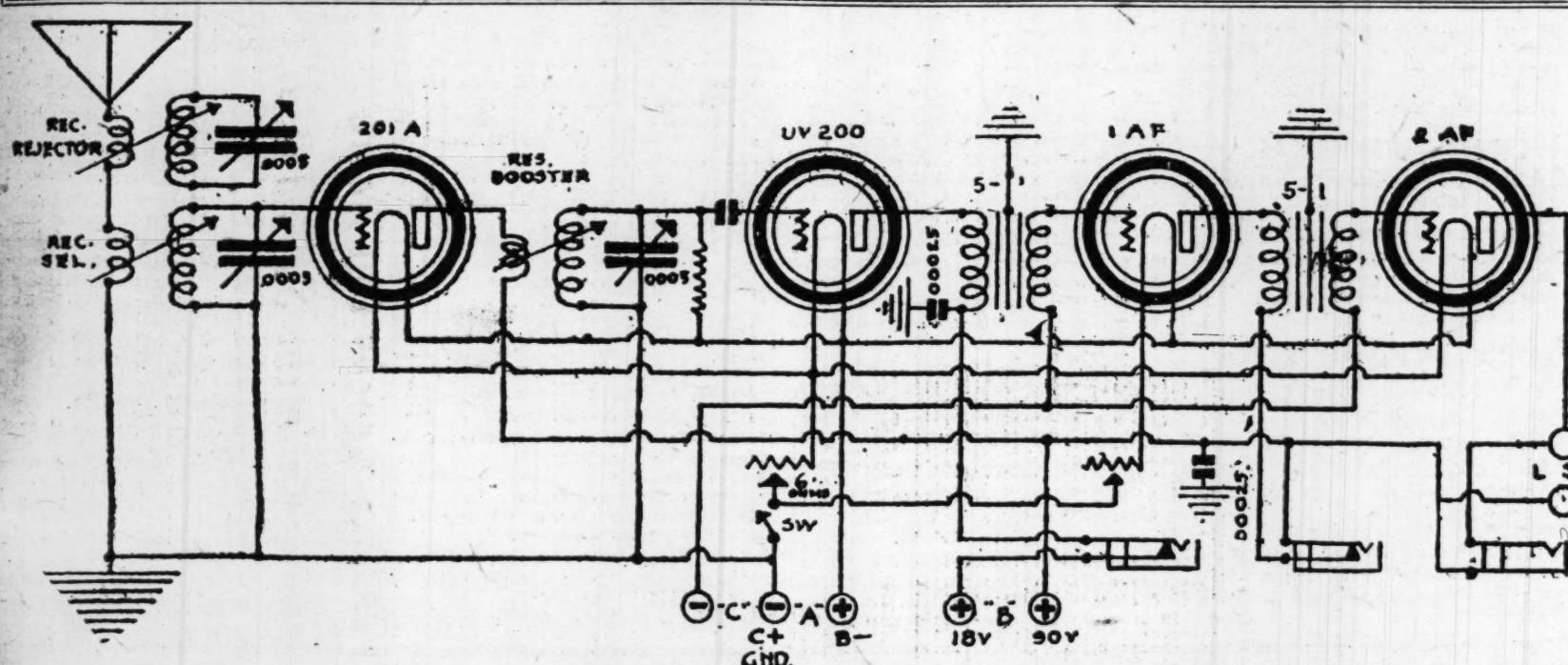
WEEKLY RADIO SECTION

BROADCASTING PROGRAMS OF PRINCIPAL CITIES

Section of the ST. LOUIS POST-DISPATCH

SATURDAY, DECEMBER 27, 1924.

Coto Symphonic Has Special Selective Features



Schematic Diagram of Circuit—Note Double Tuned Primaries.

By H. G. SILBERSDORFF
(Assoc. I. R. E.)

IN THESE days of one dial and single control receiving sets it is interesting to note that there is a great portion of radio experimenters who take the wonderful reports of such receivers with the proverbial "grain of salt" and raise no objection whatsoever in manipulating a receiver with three or four controls, providing, of course, those additional knobs will give the added refinements to the set so often sacrificed when an attempt is made to reduce the controls, and will bring in stronger, clearer and better signals from distant stations.

A receiver of this type is manufactured by the Coto Coil Co. of Providence, R. I. It is a four-tube set and incorporates one stage of tuned radio frequency, detector and two audio amplifiers. While this set has six knobs on its panel and at first glance would appear to be a complicated set to manipulate, in reality it is a two-control set, any one of the local stations being brought in or out with them as well as 75 per cent of the more distant stations. If, however, long-distance reception is desired it can be had and plenty of it, and it is here that the advantage of the additional controls is realized. A slight turn of this control brings up the volume and a shifting of another clears up the signal to a point where it is natural and more can be understood of a distant program than the mere announcement.

Still another argument in favor of receivers having more than a single control is when the question of volume is introduced. Certainly, volume and wave length cannot be obtained with a satisfactory degree of selectivity with one or two controls, especially in the case where the outside antenna is used. Some manufacturers who incorporate a "volume control" find it distasteful to call it another control; they prefer to label it "volume control" or "intensifier" or any other of the many pretty names which must take time to think up, but the fact remains it is a control and a distinctive name cannot make it otherwise. In this receiver this control is called the resonator booster, which conveys the meaning that it is a control for bringing two circuits into resonance, resulting in a boosting of the signal strength, but it is a control, and no attempt is made to avoid the name.

As the receiver is divided into three distinctive sections, it is well to start with the most important section first, that of the wave length, which is called the "receptor," and its brother control, "receptor selectivity," which performs the work of tuning to the desired wave length, and the second adjustment which eliminates any unwanted station by giving still finer tuning. These are located in the center of the cabinet, to the left

of which is located the "resonator," which does as its name implies, brings two circuits into resonance and the "resonator booster," located above. To the extreme left we have the "receptor" and "receptor selectivity," which are used only on rare occasions, their use being dependent on the nearness of a high-power broadcasting station to the particular location in which the set is installed, this circuit acting similar to the familiar wave trap.

The set is designed to operate from an outdoor antenna about 75 feet long, and, although the aerial on which our tests were made measured in the neighborhood of 135 feet, the selectivity obtained rivaled that obtained from many super-heterodyne sets.

While a vacuum tube is used for detection, giving greater sensitivity, it has a tone quality obtained by few receivers using tube rectification. The UV 201-A tubes can be used throughout, although if a little greater sensitivity is desired the UV 200 will give good results in the detector socket. In selecting tubes it is well to change around between the three amplifiers until the best combination for volume is obtained. Use the best amplifying tube in the radio frequency stage.

The Coto symphonic receiver can be

used with either 67 or 90 volts, the signal volume naturally being increased with the higher voltage, but a C battery should then be used, the connections for same being shown in the diagram.

The primary and secondary inductances of the three tuning units are wound on a specially moulded form resembling the familiar variocoupler. All three primaries are untuned and wound with solid enamel-covered wire. The secondaries are wound on the stator portion of the coupler and are wound with Litzendraht to reduce losses to a minimum.

Each secondary winding is tuned by means of a separate variable condenser having a capacity of 500 mmf. This condenser also is of Coto Coil manufacture, is of the low loss type, has plates which have been finished in silver to reduce losses and is equipped with a friction type vernier adjustment controlled by a separate knob, which gives exceptionally smooth increase in capacity.

Two rheostats are used, one 8 ohm, for the audio and radio frequency tubes, and a separate one of 20 ohms for control of the detector. The audio transformers, too, are of Coto Coil make and have a ratio of 4 to 1. These transformers have their cores grounded and, due

to the comparatively great separation in the set, need not be mounted at right angles to each other. The lower side of the primary winding of the first transformer is grounded through a small capacity of 250 mmf. A similar capacity is used between the ground and the positive side of the 90-volt B.

In tuning this set the knobs controlling the receptor selectivity and receptor selectivity should be so set that a maximum transfer of energy takes place; that is, the windings of the rotor and stator will run parallel. These can always be left at this position until the user becomes familiar with the general operation of the set at a later date, when they can be manipulated to give a surprising degree of selectivity. The major controls, the receptor and the resonator are adjusted to the wave length of the incoming signal, and it will be noticed that these dials run nearly alike, not varying more than three degrees under any condition. The resonator booster is now adjusted to give the desired volume.

In cases where trouble is experienced from interference the receptor dial is brought into play. This dial may or may not be read the same as the receptor and resonator. For example, let us assume that the dials are set for some distant station, but a local station can be heard at the same setting. It is now necessary to move the receptor dial very slowly over the scale with the vernier knob until you find a point where the undesired signal becomes inaudible.

Should you be working very close to the interfering station from either the standpoint of wave length or location and the receptor does not entirely eliminate the signal, increasing the booster will in most cases bring in the desired station to the exclusion of interference.

The power of the transmitting station and its distance from the receiving station are the principal conditions that will govern your success in getting distance on a wave length close to that of the local station. When the receiving set is so close to the station that a large amount of energy is picked up on the battery leads and coils within the set itself it is not reasonable to expect extreme sharpness of tuning near the local station's wave.

There remains for final consideration the receptor selectivity adjustment, which is equivalent to antenna coupling. Turning this knob to the left loosens, or makes more selective the antenna circuit. Its use is not at all essential to the efficient operation of the set, but it does provide an additional means for securing additional selectivity that under extreme conditions may be desirable. It is suggested that this control need not be used until the operator has become thoroughly familiar with the general operation of the set.

(Copyright, 1924.)

Station KSD Praised for Symphony Programs

NEW YORK, Dec. 27.

AN ARTICLE in the January issue of Radio Broadcast pays this tribute to Station KSD, the St. Louis Post-Dispatch, as a radio purveyor of high-class music:

"Station KSD, which is operated by the St. Louis Post-Dispatch, is one of the few broadcasting stations in this country that recognizes the musical cultivation of many among the radio audience. The broadcasting by this station of 15 concerts by the St. Louis Symphony Orchestra is an epoch-making event in radio entertainment. These concerts are not staged simply for the radio. They are the regular subscription programs and are broadcast direct from the Odeon Theater, where all these subscription concerts are given under the direction of Rudolph Ganz.

"Five of these programs have already been broadcast, and the remaining 10 will be put on the air Dec. 27, Jan. 10, 17, 24; Feb. 7, 14, 21, 28; March 7 and 14. The dates all come on Saturday evening. The concerts begin at 8 o'clock, central, and 9 o'clock eastern standard time.

"The broadcasting of these programs is not only giving a large public opportunity to hear many among the classical symphonic works, but also to hear new works of important significance, among them Vaughn Williams' 'London Symphony,' the much-talked-of symphony by Hanson, Igor Stravinsky's 'Fireworks'—one of the most notable among modern compositions—Ernest Schelling's 'Victory Ball,' Honegger's 'Pacific 231' and Respighi's 'Three Old Dances.'

"One can just hear some people saying 'Oh, the public doesn't care for that highbrow stuff!'

"Doesn't it? Why, then, are there now in this country fully 50 symphony orchestras that each season give programs, of the best orchestral music? And why is it, then, that other cities and towns are making heroic efforts to have their own orchestras?

"Why? Because of the widespread public demand for great music."

RADIO PROGRAMS OF PRINCIPAL STATIONS

CFCA—TORONTO, CAN. (400 METERS) (Eastern Time.)

SUNDAY, DEC. 28.
7:00 p. m.—Service of Bloor Street Baptist Church, from Loew's Uptown; preacher, Rev. W. A. Cameron.

TUESDAY, DEC. 30.
8:30 p. m.—Program by the Hambourg Conservatory of Music.

WEDNESDAY, DEC. 31.
11:00 p. m.—Special New Year's Eve program.

THURSDAY, JAN. 1.
6:00 p. m.—Election returns and special musical program.

CHNC—TORONTO, CAN. (350 METERS) (Eastern Time.)

MONDAY, DEC. 29.
8:30 p. m.—Joint recital by Frank Blachford, violinist, and Dr. Harvey Robb, pianist, of the Toronto Conservatory of Music; J. C. Brown, tenor; Mrs. Harvey Robb, soprano.

**CKAC—MONTREAL, CANADA—(425 METERS)
(Eastern Time.)**

TUESDAY, DEC. 30.
7:00 p. m.—Mount Royal Hotel Ensemble.
7:30 p. m.—Studio entertainment.
10:30 p. m.—Dance orchestra.

**KDKA—PITTSBURG, PA.
(326 METERS)
(Eastern Time.)**

SUNDAY, DEC. 28.
6:30 p. m.—Dinner concert by Scatzo's Orchestra, playing at the Pittsburgh Athletic Association.
7:45 p. m.—Services of the First Baptist Church.

MONDAY, DEC. 29.
8:15 p. m.—"Developing Your Job Into a Life Work," by John W. Hallock.

8:30 p. m.—Special radio program by the Haines Evangelistic Party.

TUESDAY, DEC. 30.

6:15 p. m.—Dinner concert.

8:00 p. m.—Program by the Tree of Life Congregation.

8:30 p. m.—Concert by artists from Lyman Almy Perkins studio; Pierre de Backer, violinist.

11:00 p. m.—Concert from the Pittsburgh Post studio.

WEDNESDAY, DEC. 31.

6:15 p. m.—Dinner concert from the Pittsburgh Athletic Association.

8:15 p. m.—"Who Talks Too Much," by Dr. John G. Bowman.

8:30 p. m.—Radio dance program.

11:00 p. m.—Watch night services from Point Breeze Presbyterian Church.

THURSDAY, JAN. 1.

6:15 p. m.—Dinner concert by the KDKA Little Symphony Orchestra, assisted by Ethel Edwards, soprano, and J. Lloyd Mahoney, baritone.

8:30 p. m.—Concert by the KDKA Little Symphony Orchestra, assisted by Ethel Edwards, soprano, and J. Lloyd Mahoney, baritone.

11:00 p. m.—Concert from the Pittsburgh Post studio.

FRIDAY, JAN. 2.

6:15 p. m.—Concert by the Hotel Schenley Meyer Davis Orchestra.

8:30 p. m.—Concert by Emille Cole, soprano; Glynn Jones, baritone; Ullric Cole, pianist-composer; Mrs. C. H. Barnard, accompanist.

SATURDAY, JAN. 3.

6:00 p. m.—Dinner concert by the Westinghouse Band.

8:30 p. m.—Concert by the Westinghouse Band, assisted by the Davis male quartet.

**KGO—OAKLAND, CAL.
(312 METERS)
(Pacific Time.)**

SUNDAY, DEC. 28.

8 p. m.—Service of the First Unitarian Church.

MONDAY, DEC. 29.

8 p. m.—Educational program. Music by Arion Trio. "Agricultural Fairs," W. J. Norton. "Esperanto," E. M. Rosher.

10 p. m. to 1 a. m.—Dance music program by Henry Halstead's Orchestra and soloists.

gram by Henry Halstead's Orchestra and soloists.

TUESDAY, DEC. 30.

8 p. m.—Program of church music by the Grace Cathedral Choir of San Francisco, and the Week Day Church School Choir of Berkeley, Cal.

10 p. m. to 1 a. m.—Dance music program by Henry Halstead's Orchestra and soloists.

WEDNESDAY, DEC. 31.

10 p. m. to 1 a. m.—Special New Year's Eve dance music program by Henry Halstead's Orchestra and soloists.

THURSDAY, JAN. 1.

8 p. m.—Bernade Solis, pianist; Frank Miller, baritone; Jennette Genter, viola soloist; Bacatollen String Quartet; Virginia Treadwell, contralto; Fern Backman, violinist; address, "New Year's Resolutions," by C. S. S. Dutton; Grace Becker, cellist; Selma Mayer, soprano.

10 p. m. to 1 a. m.—Dance music program by Henry Halstead's Orchestra and soloists.

SATURDAY, JAN. 3.

8 p. m.—"Dulcy," a drama in three acts, presented by the KGO Players. Music by the Arion Trio.

10 p. m. to 1 a. m.—Dance music program by Henry Halstead's Orchestra and soloists.

**KGW—PORTLAND, ORE.
(492 METERS)
(Pacific Time.)**

SUNDAY, DEC. 28.

6 p. m.—Church services provided by the Portland Council of Churches.

7 p. m.—Dinner concert by Colburn Concert Orchestra of Hotel Portland; soloist, Nellie Torgler, pianist.

MONDAY, DEC. 29.

8 p. m.—Concert by the Oregonian Concert Orchestra.

10 p. m.—Dance music by George Olsen's Metropolitan Orchestra of the Hotel Portland. Intermission numbers by Sheller's String Orchestra.

TUESDAY, DEC. 30.

8 p. m.—George W. Kable, specialist in agricultural engineering; subject, "Operating the Furnace," C. J. Hurd;

subject, "Interpretation of Market Reports,"

8:30 p. m.—Concert arranged by Ethel Rand.

10 p. m.—Dance music by Multnomah Hotel Strollers of the Multnomah Hotel.

WEDNESDAY, DEC. 31.

8 p. m.—Concert by Colburn Concert Orchestra; by courtesy of J. P. Finley & Son.

10 p. m.—George Olsen Metropolitan Orchestra. Intermission solo.

FRIDAY, JAN. 2.

8 p. m.—Popular lecture sponsored by University of Oregon Extension Service.

10:30 p. m.—Hoot Owls.

SATURDAY, JAN. 3.

10 p. m.—Dance music by Multnomah Hotel Strollers.

**KHJ—LOS ANGELES, CAL.
(395 METERS)
(Pacific Time.)**

SUNDAY, DEC. 28.

7:00 to 7:30 p. m.—Organ recital from the first Methodist Episcopal Church.

8:00 to 10:00 p. m.—Program arranged by A. K. Berkland.

MONDAY, DEC. 29.

8:00 to 10:00 p. m.—Program arranged by J. Howard Johnson.

TUESDAY, DEC. 30.

8:00 to 10:00 p. m.—Program presenting the Orpheus Four, George Skalkottsky, basso; George Lipschultz, violinist; Helen Lewyn, pianist; Jennie Burke, ukulele.

10:00 to 11:00 p. m.—Earl Burnett's Biltmore Orchestra, broadcasting from the Biltmore.

WEDNESDAY, DEC. 31.

8:00 to 9:30 p. m.—Program arranged by E. S. Nelson.

9:30 p. m. to 2:00 a. m.—Special New Year's Eve program, arranged by J. Howard Johnson; a radio "Paging Review of 1924."

8:00 to 10:00 p. m.—Program presenting the Philharmonic Cello Quartet; Claire Forbes Crane, pianist; Lucille Gibbs, soprano; Charlie Wellman, tenor.

THURSDAY, JAN. 1.

8:00 to 9:30 p. m.—Program arranged by E. S. Nelson.

9:30 p. m. to 2:00 a. m.—Special New Year's Eve program, arranged by J. Howard Johnson; a radio "Paging Review of 1924."

8:00 to 10:00 p. m.—Program presenting the Philharmonic Cello Quartet; Claire Forbes Crane, pianist; Lucille Gibbs, soprano; Charlie Wellman, tenor.

FRIDAY, JAN. 2.

8:00 to 9:30 p. m.—Program arranged by E. S. Nelson.

9:30 p. m. to 2:00 a. m.—Special New Year's Eve program, arranged by J. Howard Johnson; a radio "Paging Review of 1924."

8:00 to 10:00 p. m.—Program presenting the Philharmonic Cello Quartet; Claire Forbes Crane, pianist; Lucille Gibbs, soprano; Charlie Wellman, tenor.

SATURDAY, JAN. 3.

8:00 to 9:30 p. m.—Program arranged by E. S. Nelson.

9:30 p. m. to 2:00 a. m.—Special New Year's Eve program, arranged by J. Howard Johnson; a radio "Paging Review of 1924."

8:00 to 10:00 p. m.—Program presenting the Philharmonic Cello Quartet; Claire Forbes Crane, pianist; Lucille Gibbs, soprano; Charlie Wellman, tenor.

SUNDAY, DEC. 28.

8:00 p. m.—Three-act comedy, "Temple's Telegram," by the Community Players, which includes cast of nine characters and 15 mental selections by the KOA Orchestra.

FRIDAY, JAN. 2.

8:00 p. m.—Three-act comedy, "Temple's Telegram," by the Community Players, which includes cast of nine characters and 15 mental selections by the KOA Orchestra.

MONDAY, DEC. 29.

8:00 p. m.—Three-act comedy, "Temple's Telegram," by the Community Players, which includes cast of nine characters and 15 mental selections by the KOA Orchestra.

TODAY'S BROADCASTING EVENTS

WJZ—New York City—455

1 p. m.—Erdody's Orchestra.
4 p. m.—David Stokes, tenor.
4:30 p. m.—Henry Fink and Harold Stern's Orchestra.

5:30 p. m.—Market reports.
7 p. m.—Waldorf Astoria dance music.

8 p. m.—Althea Hurrell, soprano; Mabel Bestoff.

8:30 p. m.—Williams College Musical Clubs concert.

10:30 p. m.—Astor Dance Orchestra.

WEAF—New York City—492

4:5 p. m.—Bruno Dance Orchestra.

6 p. m.—WEAF Instrumental Quartet.

7 p. m.—Cantor Adolph Katchko, baritone; David Shapiro.

7:20 p. m.—Stories for Boys, Fred J. Turner.

7:45 p. m.—Harmony hour.

8:15 p. m.—Special program.

11:12 p. m.—Vincent Lopez's Orchestra.

WGBS—New York City—316

10 a. m.—Timely talks, Terese Nagel.

10:10 a. m.—Kiddie Klub.

10:40-10:50 a. m.—Fashion period.

1:30 p. m.—Nat Sander's Trio.

3 p. m.—Interview with Authors, Terese Nagel.

6 p. m.—Uncle Geebe.

6:30 p. m.—Cameo collegians.

7:20 p. m.—Armand Vecsey's Orchestra.

8:30 p. m.—Peter Pan Night, by Sam Conly; Betty Bronson, Herbert Brenon and Jesse Laskey.

10 p. m.—Mrs. Frank Leslie, soprano; James McDermitt, pianist.

10:15 p. m.—Henry E. Biel, violinist.

10:30 p. m.—Mrs. Leslie; James MacDermitt.

10:45 p. m.—Victor Wilbur, Joe Macy, songs.

11 p. m.—Russian Eagle Orchestra.

WHN—New York City—360

5 p. m.—Tangoland Orchestra.

6:30-7:30 p. m.—Catanese's Orchestra.

7:30 p. m.—Carlton Terrace Orchestra.

8 p. m.—Arthur Stone, pianist.

8:15 p. m.—Blanche Vincent, Jack Fagan, songs.

8:30 p. m.—Strand Entertainers.

9 p. m.—Carlo Denobo, baritone.

9:10 p. m.—Alfred Dulin, pianist.

9:20 p. m.—Jimmy Ryan, tenor.

9:30 p. m.—Clarence Williams' Trio.

9:45 p. m.—Lon Fardon, Harry Dentis, songs.

9:55 p. m.—Bert Shoemaker, pianist.

10:05 p. m.—Jimmy Clarke's Entertainers.

WNYC—New York City—526

6:20 p. m.—Uncle Robert's talk.

8:30 p. m.—Sam Wooding's Orchestra.

7:35 p. m.—Sam Lannin's dance music.

8:30 p. m.—Police Quartet; Thomas Stedman, Wm. Drexler, Frank Schmitt, August Kunze, Linus Boll.

9 p. m.—Prof. James M. Lee, "American Newspapers."

9:15 p. m.—Willy Helm, concert singer; George Natanson, ukulele.

9:45 p. m.—Benson's Orchestra.

10:30 p. m.—Police alarms; weather.

WAHG—Richmond Hill—316

12:2 a. m.—Dance orchestra.

WBBR—Staten Island, N. Y.—273

8 p. m.—M. Carment, clarinet; Fred Twarosch, tenor.

8:20 p. m.—Bible questions and answers, Judge Rutherford.

WOR—Newark—405

7 a. m.—Gym class.

2:30-2:40 p. m.—Emma Senger, soprano; Sylvia Abrams, pianist.

3:30 p. m.—Papp's Orchestra.

6:15 p. m.—Henry Jodel's Orchestra.

7:15 p. m.—Sports; "Jolly Bill" Steink.

8 p. m.—Schubert String Quartet.

8:30 p. m.—Mabelanna Corby, composer, presents Elizabeth Spencer, soprano and reader; Janet Bush-Hecht, contralto.

William Stamm, tenor; Mabelanna Corby, pianist.

9 p. m.—Arthur Wynne, crossword puzzle inventor.

9:15 p. m.—Schubert String Quartet.

9:45 p. m.—Chas. L. H. Wagner, poet.

10:05 p. m.—Mabelanna Corby.

10:30 p. m.—"Irving Mills' Radio Game."

WBS—Newark—360

11 a. m.—Popular music.

12:15 p. m.—Dance music.

WNJ—Newark—223

10:30 p. m.—12:30 a. m.—Midnight dance revue.

WOO—Philadelphia—509.

11 a. m.—Organ recital.

12 noon—Luncheon music.

4:45 p. m.—Organ and trumpet.

WIP—Philadelphia—509.

1 p. m.—Organ recital.

3 p. m.—Aloha Hawaiian Glee Club.

6:07 p. m.—St. James orchestra.

7 p. m.—Bedtime story; roll call.

8 p. m.—"Chemistry," Charles H. La Wall.

8:15 p. m.—Artist's recital.

10:05 p. m.—Art Coogan's orchestra.

11:05 p. m.—Organ recital.

WFI—Philadelphia—395.

1 p. m.—Meyer Davis' orchestra.

3 p. m.—Stoneman's male quartet.

4 p. m.—Dance music.

6:30 p. m.—Meyer Davis' orchestra.

7 p. m.—"Sunny Jim."

8 p. m.—A health talk.

8:15 p. m.—"Miniature Lady," an operetta.

9:15 p. m.—Instrumental trio.

10:15 p. m.—Talk, J. E. Harzer.

WDAK—Philadelphia—395.

12:02 p. m.—Organ; orchestra.

2-3 p. m.—Orchestra; artist recital.

4:30 p. m.—Cotton pickers.

7:30 p. m.—Arcadia concert orchestra.

WDAK—Atlantic City—275.

2 p. m.—Seaside orchestra.

8 p. m.—Seaside orchestra.

WGY—Schenectady, N. Y.—380.

9:30 p. m.—Phil Romano's orchestra; songs.

WRW—Tarrytown, N. Y.—273.

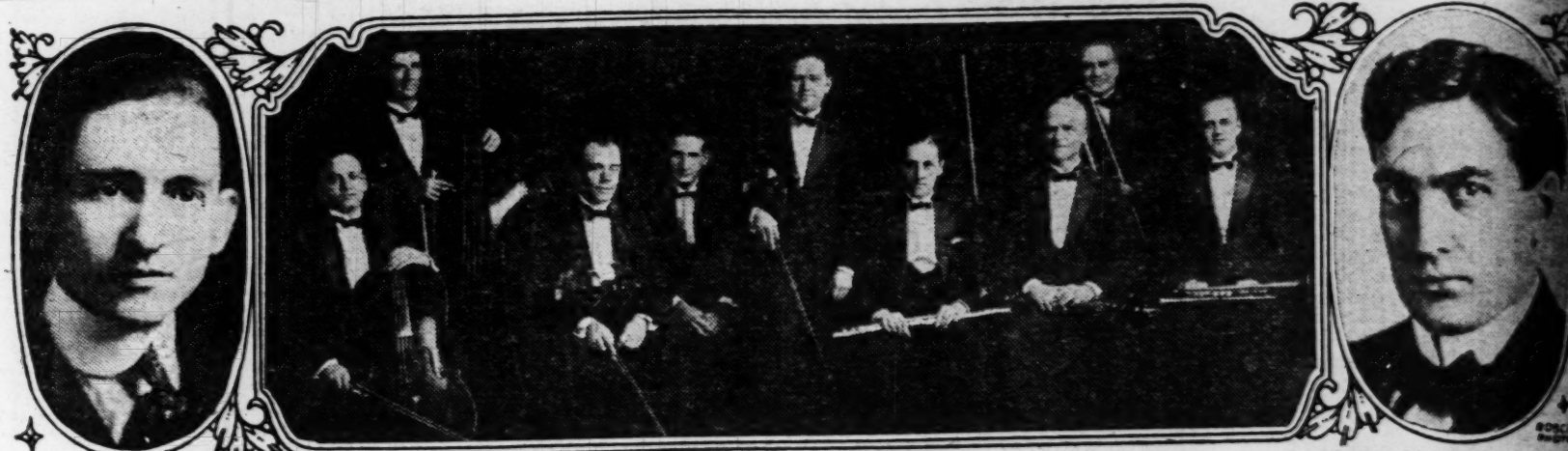
9:05 p. m.—Musical program; talk.

10:15 p. m.—Helen Armstrong, pianist.

11 p. m.—Dance orchestra.

WGR—Buffalo—319.

ARTISTS TO BE HEARD ON KSD PROGRAMS NEXT WEEK



LEO T. BOYLAN - PIANIST

RADER ORCHESTRA

CHARLES GALLOWAY - ORGANIST



Portsmouth, Va.
Your program came in fine, and I thoroughly enjoyed it. E. L. PARTIN.

Norfolk, Va.
I wish to acknowledge receipt over my radio of your wonderful program of Saturday night, the 13th. I get your station quite often. Your programs are always good. W. M. WREN JR.

New Orleans, La.
Enjoyed the Symphony concert very much. Reception exceptionally clear and distinct. We will appreciate hearing the next Symphony. MR. AND MRS. FRANK H. MATBURY.

New York, N. Y.
Saturday night I received part of your program. Station KSD came in very clear and loud, and had a fine program. I heard the Symphony Orchestra play and I enjoyed the program. MASTER JOSEPH DAMIANO.

Madison, Wis.
Reception wonderful. Keep up the good work. OSCAR C. ALLEN.

San Francisco, Cal.
Am receiving your station from time to time with quite good volume and clarity. Thank you. ERNEST A. BRUER.

Dover-Foxcroft, Me.
I would like to report the reception of your broadcasting last night. My set uses only one tube and all the nearby stations were operating. HERBERT W. HUSE.

Pelham, N. H.
I heard your station last night. The program came in strong and very clear. SHERMAN HOBBS.

Lake Preston, S. D.
Your program of Monday night, "Greatest Love of All" courtroom scene, was wonderful. I. M. BECK.

Indianapolis, Ind.
I wish to express my appreciation of the fine programs sent out from your station. We enjoy the St. Louis Symphony Orchestra concerts and the programs from the Grand Central Theater. Your signals come in very clear and extremely loud. Thank you for your programs. NOBLE HELGENBERG.

Stillwater, Minn.
The band playing from the theater featuring "North of 36" was wonderful. I heard 12 different stations this evening, but your program was the best of the 12. DOROTHEA L. RICHMOND.

Urbichville, O.
"Wabash Blues" as played by the orchestra was fine. Always glad to hear KSD. Merry Christmas to KSD staff. ERIC L. FINNEY.

Madison, N. Y.
All your programs are good. WALLACE MOORE.

Marion, O.
Cannot let this opportunity pass without sending best wishes for a Happy New Year and to tell you how much we enjoy your station. MR. AND MRS. R. D. REDDICK.

East Providence, R. I.
I listened to your Symphony concert played by the St. Louis Symphony Orchestra. You came in clear and loud. EARL LINDEN.

Memphis, Tenn.
Had the honor of listening to an extraordinary program last night broadcast from the theater, and wish to com-

Features on KSD Programs Next Week

NEW YEAR'S week at KSD will be marked by two principal events. The first an organ recital by Charles Galloway, assisted by Oliver Smith, Chicago tenor, and John Kessler, pianist and composer. In this program, which is given in compliment to the National Music Teachers' Association, then in session in St. Louis, the Missouri Chapter, American Guild of Organists, will be the hosts. Edgar L. MacFadden is dean of the Missouri Chapter, and Charles Galloway, who will give the principal part of the program, is also a member and one of the leading American organists. John Kessler is a young St. Louisan, who has written a number of very much worth while things, both songs and piano numbers. He will accompany the singer in the program on Tuesday night, and all the songs will be his own compositions. Mr. Galloway's program is of a character such as only a master of the great instrument on which he plays would be able to present.

The second special feature of the week will be the New Year's Eve frolic at the Missouri and Grand Central The-

aters. These programs will be broadcast alternately and will be an interesting piece of remote control broadcasting. The program will begin at about 11 o'clock and will continue until 1 o'clock or later. The radio audience will be given an opportunity not only to hear the program on the stages of the two theaters, but the fun and noise in the two audiences as well.

The Tuesday evening program will be presented by Rader's Orchestra at the Missouri Athletic Association and broadcast by KSD will have as its chief feature the "Serenade" of Tili, played as a duet for flute and cello by Messrs. Altmeier and Torrover. The program will include excerpts from the opera "Rigoletto" and the light opera "Blossom Time" and "No No Nanette." Kevin's "Day in Venice" suite and a number of other interesting features.

New Year's day will be silent and on Friday night KSD will present in its studio a popular Illinois pianist, Leo T. Boylan, who will give a program of both popular and classical music. Another program on Friday will be a short song recital given by Miss Ethel Berryman, contralto.

pliment you for this wonderful program. Thank you for the program last night, and hoping to get in touch with your station again soon. C. D. BYRD.

Boston, Mass.
I enjoyed a program broadcast from your station, and wish that you would kindly add my applause to that which I feel has already been given the artists who participated. Would say that the jury scene from the film, "The Greatest Love of All," came through exceptionally fine. P. S. EARLE.

Jacksonville, Fla.
Program fine. Thanks to artists. RADIO FAN.

Fall River, Mass.
Listening to your station for an hour. It was perfect. W. N. BRIDGE.

Pittsburg, Pa.
Your orchestra program very good. Thank you. MR. AND MRS. A. J. CAHILL.

Elizabeth, N. J.
Heard your program and enjoyed it very much. Came in very loud and clear. JAMES O'BRIEN.

Bellot, Wis.
I heard your program and liked it. Here's for more good programs. HERBERT BUCKS.

Pittsburg, Pa.
Tuned in on your station tonight and heard very distinctly George Bohan and his players enact part of the movie, "The Greatest Love of All." Had it on the loud speaker and it couldn't have been heard any better if we had been at the theater. MR. AND MRS. W. T. HARDESTER.

Baltimore, Md.
Theater orchestra and musical selections all came in clear. GEORGE E. TORRENCE.

Washington, D. C.
I heard your station and enjoyed some good band music last night. I shall hope to hear you again. J. HOMER SMITH.

Springfield, Ill.
Just a word to advise that we listened to on the talk made from your station last evening by Dr. Pohlman on "Dress." I enjoyed it and Friend Wife gave vent to

many chuckles as each veiled truth struck home. We heard the doctor when he broadcast before, and knew we had a treat in store for us again. Many thanks to all for their efforts. E. GODELY.

Brandon, Vt.
I am receiving your station very plain. I like your programs. ALAN CHASE.

Chandlerville, Ill.
I wish to thank the ladies who gave us such an enjoyable program last evening. Was so pleased because I had tuned in to KSD earlier in the evening and could not hear with any satisfaction, but later things cleared up. I was especially pleased with the violin numbers, perhaps because Miss Smith is such a near neighbor, but everything was fine. MRS. JOHN C. MORSE.

Mobile, Ala.
I received your program of Dec. 16. I would like to listen to your station every night. RICHARD K. LAWTON.

Salem, Va.
Your programs are enjoyed by me very much. I hear you almost every night. I had heard you since December, 1922, but this is my first writing. Pardon me for not writing sooner. CLARENCE WILSON.

Copperhill, Tenn.
Your radio programs are certainly excellent. We have fished around considerably, but eventually we return to KSD and leave them on for the evening. Good music is appreciated, even in the mountains. A. A. WASS.

Oskaloosa, Ia.
The very great pleasure is mine to inform you that I was one of the rarely fortunate ones, together with my mother, Virginia Knight Logan, and our "home folks" to listen in on the grand concert program of Cyrene Van Gordon as was broadcast from your station last evening. Every number came in fine, and to me and mine especially fine, her grand and noble voice in my composition, "Lift Thine Eyes." We thank you for that concert. FREDERIC KNIGHT LOGAN.

Abilene, Tex.
I like your station fine. One main reason for my preference for KSD is the nature of your programs. I've never yet heard a real jazz program from this station. It may be I've just been fortunate in missing that kind, but must

ALASKAN HEARS KSD ON A LOUDSPEAKER

THE following communication to Post-Dispatch Station KSD from the frozen North speaks for itself:

SITKA, Alaska, Dec. 8.
Gentlemen—
You may be interested to know that I recently received your program from KSD, using a loudspeaker. Reception was quite loud and clear. Respectfully yours, F. P. ULKICH.

I am not so fortunate in most of the other stations, for it seems the most of them feature jazz, and still more jazz, and I detest it. It is all the same, I am simply bored to extinction with all this saxophone jazz. You always seem to have on something rather worth while. MRS. CHARLES A. ANDERSON.

Lansing, Mich.
The Kiddies Follies was surely first reception was good, very plain and the little tots surely had their parts well learned. The whole program was good in every respect. OTTIE GREEN.

Beise, Idaho.
Programs coming through quite good. R. G. COLE.

Cincinnati, O.
Have enjoyed your programs many times, especially music from Missouri Theater. ALVIN FLINK.

Toronto, Ontario.
Enjoy your fine programs every time you are on the air. Sure does come in with some band. Thanks. J. CRONAN.

Detroit, Mich.
Best regard to staff and artists on your program. Coming in as clear as local stations. Vin James and the Doctor's talks are fine. Will listen in for same at a later date. L. P. GRAY.

Charlotte, N. C.
Thanks for song "Old Black Joe" last night. Congratulate the singer. T. F. McBEATH.

San Diego, Cal.
Received part of your program last night. It came in as loud and clear as local. Everything was fine. BERT BECKUS.

Sanger, Cal.
Just a few lines to let you know that we get your programs and appreciate them very much. C. H. ULLON.

Vancouver, Wash.
I received your station very clear and loud tonight. M. L. HOPKINS.

Outremont, Canada.
Your concert last night was received here and enjoyed. Coming in loud and clear. C. J. KING.

Maryville, Tenn.
Certainly enjoy your programs. They come in so plain and clear. Look forward to tuning in on this station because I always get something worth while. B. L. MARTINE.

Fainted Post, N. Y.
Have enjoyed your programs in the past and hope to continue to do so. JAMES Z. WILDER.

Depost, N. Y.
I enjoyed your program last evening very much and wish to congratulate you. JOHN D. CHIFF.

RADIO PRO

1:30 p. m.—Musical program.
2:00 p. m.—Concert by the B. Fischer & Co. "Astor Coffee" dance orchestra, transmitted by Station WCAE from the studios of Station WCAE, New York.

SATURDAY, JAN. 3.
4:30 p. m.—Dinner concert transmitted from the William Penn Hotel.
5:30 p. m.—Two-piano recitals by artist-pupils from the studios of Anna S. Jeverka.

WCBQ—ZION CITY, ILL.
(345 METERS)
(Central Time).

SUNDAY, DEC. 28.
8:00 p. m.—Program given by the mixed quartet, composed of Mrs. Inman, Mrs. Crowe, and Messrs. Mehaffey and Bagg, assisted by the following performers: The Misses Sweeney and Naffziger and Mrs. Crowe, vocal trio; Mrs. S. D. Inman, soprano; Chester S. Bagg, baritone; Mr. and Mrs. R. M. Steel, tenor and soprano; John Mehaffey, celestial bell solo; Alexander De-ges, flute; Miss Beattie Wiedman, piano; Miss Mary Sweeney, soprano; Mrs. Hester Robinson, reader.

MONDAY, DEC. 29.
8:00 p. m.—Program given by the male quartet, assisted by the following performers: Miss Dorothy and Mr. Ralph Bull, soprano and tenor; E. B. Fackin, baritone; Hermann Becker, cellist; Dorothy Bull, soprano; Mrs. Edna Huston Paxton, reader; Mrs. Athol Heath, piano.

WEDNESDAY, DEC. 31.
8:00 p. m.—Full service, Zion white-robed choir; organ; address by Willbur Glenn Voliva, followed by Zion Band; Messrs. Richard Hise and Sydney Stewart, violin duets; J. D. Thomas, baritone; Mrs. J. D. Thomas, soprano; Miss Edith Carey, contralto; Richard F. Hise, piano; William C. Dunn, euphonium; Paul Stewart, tenor; Miss Louise Burgess, reader.

THURSDAY, JAN. 1.
8 p. m.—Program given by Fred Paasen at the organ, assisted by the following performers: Mr. and Mrs. Sparrow, tenor and contralto; Miss Grace Winkle and Mr. Ralph Reed, contralto and baritone; Ralph Reed, baritone; Gerald Mason, cornet; Mrs. Claude Bedard, reader; Miss Beulah Myhre, piano; G. R. Sparrow, tenor; Mrs. G. R. Sparrow, contralto.

WCCO—MINNEAPOLIS, ST. PAUL MINN.
(417 METERS)
(Central Time).

SUNDAY, DEC. 28.
8:30 p. m.—Hennepin Avenue M. E. Church services.

8:45 p. m.—Classical concert, the Simpson Trumpet Quartet.

MONDAY, DEC. 29.
8:30 p. m.—Concert, Reinmuth Trio.

8:45 p. m.—Dance program, Arnold Frank's Casino Orchestra; Cecilia Darr, singing comedienne.

TUESDAY, DEC. 30.
8:30 p. m.—Dinner concert, Riley's Concert Orchestra, St. Paul Hotel.

WEDNESDAY, DEC. 31.
8:40 p. m.—Midweek church service, Park Avenue Congregational Church, Minneapolis.

8:50 p. m.—New Year's Eve program with surprise feature, Minneapolis Athletic Club Orchestra.

10:30 p. m.—Watch night meeting, First Methodist Church, St. Paul.

THURSDAY, JAN. 1.
8:00 p. m.—Concert, Gold Medal Radio Quartet.

8:30 p. m.—Dick Long's Nankin Cafe Orchestra.

FRIDAY, JAN. 2.
8:30 p. m.—Dinner concert, Dick Long's Nankin Cafe Orchestra.

8:40 p. m.—Lecture.

8:50 p. m.—Surprise program.

SATURDAY, JAN. 3.
8:30 p. m.—Program to be announced.

8:40 p. m.—Paul Davis's Radisson Hotel Orchestra.

WDAF—KANSAS CITY, MO.
(411 METERS)
(Central Time).

SUNDAY, DEC. 28.
8:00 to 8:30 p. m.—Program of classical music by the Star's radio orchestra.

MONDAY, DEC. 29.
8:00 to 8:30 p. m.—Weekly Boy Scout program, presented by Kansas City Council of Boy Scouts.

8:30 to 9:00 p. m.—Music, the Hanlein-Kauten Trinsen Ensemble, Hotel Winkelsbach.

RADIO PROGRAMS FOR THE WEEK—Continued

12:30 p. m.—Musical program. Concert by the B. Fischer & Co.'s "Astor Coffee" dance orchestra, broadcasted by Station WCAE from the studios of Station WEAF, New York.

SATURDAY, JAN. 3.
12:30 p. m.—Dinner concert transmitted from the William Penn Hotel.
1:30 p. m.—Two piano recitals by artists from the studios of Anna S. Fiorucci.

WCBD—ZION CITY, ILL. (345 METERS)
(Central Time.)

SUNDAY, DEC. 28.
12:30 p. m.—Program given by the mixed quartet, composed of Mrs. Inman, Mrs. Cook, and Messrs. Mehaffey and Dugan, assisted by the following performers: The Misses Sweeney and Kallinger and Mrs. Crowe, vocal trio; Mrs. S. D. Inman, soprano; Chester S. Dugan, baritone; Mr. and Mrs. R. M. Dugan, tenor and soprano; John Mehaffey, celestial bell solo; Alexander Dugan, flute; Miss Beattie Wiedman, piano; Miss Mary Sweeney, soprano; Mrs. Hester Robinson, reader.

MONDAY, DEC. 29.
12:30 p. m.—Program given by the male quartet, assisted by the following performers: Miss Dorothy and Mr. Ralph Bull, soprano and tenor; E. B. Paxton, baritone; Hermann Becker, cellist; Dorothy Bull, soprano; Mrs. Edna Hester Paxton, reader; Mrs. Athol Heath, piano.

WEDNESDAY, DEC. 31.
12:30 p. m.—Full service, Zion white-robed choir; organ; address by Wilbur Glass Voliva, followed by Zion Band; Messrs. Richard Hille and Sydney Stewart, violin duets; J. D. Thomas, baritone; Mrs. J. D. Thomas, soprano; Miss Edith Carey, contralto; Richard F. Hille, piano; William C. Dunn, euphonium; Paul Stewart, cornet; Miss Louise Burgess, reader.

THURSDAY, JAN. 1.
12:30 p. m.—Program given by Fred Passon at the organ, assisted by the following performers: Mr. and Mrs. Sparrow, tenor and contralto; Miss Grace Winkle and Mr. Ralph Reed, contralto and baritone; Ralph Reed, baritone; Gerald Mason, cornet; Mrs. Cassie Benson, reader; Miss Beulah Myhre, piano; G. R. Sparrow, tenor; Mrs. G. R. Sparrow, contralto.

WCCO—MINNEAPOLIS, ST. PAUL MINN. (417 METERS)
(Central Time.)

SUNDAY, DEC. 28.
12:30 p. m.—Hennepin Avenue M. E. Church services.
1:30 p. m.—Classical concert, the Simpson Trumpet Quartet.

MONDAY, DEC. 29.
12:30 p. m.—Concert, Reinmuth Trio.
1:30 p. m.—Dance program, Arnold Frank's Casino Orchestra; Ceilia Dare, singing comedienne.

TUESDAY, DEC. 30.
12:30 p. m.—Dinner concert, Biley's Concert Orchestra, St. Paul Hotel.

WEDNESDAY, DEC. 31.
12:30 p. m.—Midweek church service, Park Avenue Congregational Church, Minneapolis.

12:30 p. m.—New Year's Eve program with surprise feature, Minneapolis Athletic Club Orchestra.

12:30 p. m.—Watch night meeting, First Methodist Church, St. Paul.

THURSDAY, JAN. 1.
12:30 p. m.—Concert, Gold Medal Radio Quartet.

12:30 p. m.—Dick Long's Nankin Cafe Orchestra.

FRIDAY, JAN. 2.
12:30 p. m.—Dinner concert, Dick Long's Nankin Cafe Orchestra.

12:30 p. m.—Lecture.
12:30 p. m.—Surprise program.

SATURDAY, JAN. 3.
12:30 p. m.—Program to be announced.
12:30 p. m.—Paul Davis's Radisson Hotel Orchestra.

WEAF—KANSAS CITY, MO. (411 METERS)
(Central Time.)

SUNDAY, DEC. 28.
12:30 p. m.—Program of classical music by the Star's radio orchestra.

MONDAY, DEC. 29.
12:30 p. m.—Weekly Boy Scout program, presented by Kansas City Council of Boy Scouts.

12:30 p. m.—Music, the Hanlein-Knutson Trianon Ensemble, Hotel Muehlebach.

12:30 p. m.—"Around the Town with WEAF."

12:30 p. m.—The Plantation Players, Hotel Muehlebach.

TUESDAY, DEC. 30.
12:30 p. m.—Weekly child talent program, arranged by Mrs. Virginia Muehlebach.

6:00 to 7:00 p. m.—Music, the Hanlein-Knutson Trianon Ensemble, Hotel Muehlebach.

11:45 p. m. to 1:00 a. m.—The Plantation Players, Hotel Muehlebach; Cordsen-Mac's Orchestra, Hotel Bellevue.

WEDNESDAY, DEC. 31.
6:00 to 7:00 p. m.—Music, the Hanlein-Knutson Trianon Ensemble, Hotel Muehlebach.

8:00 to 9:15 p. m.—Special New Year's Eve program.
12:00 p. m.—Midnight mass, broadcast from Redemptorist Church.

THURSDAY, JAN. 1.
6:00 to 7:00 p. m.—Music, the Hanlein-Knutson Trianon Ensemble, Hotel Muehlebach.

11:45 p. m. to 1:00 a. m.—The Plantation Players, Hotel Muehlebach.

FRIDAY, JAN. 2.
6:00 to 7:00 p. m.—The Hanlein-Knutson Trianon Ensemble, Hotel Muehlebach.

8:00 to 9:30 p. m.—Popular program by the Star's radio orchestra and the WEAF Minstrels.

11:45 p. m. to 1:00 a. m.—The Plantation Players, Hotel Muehlebach.

SATURDAY, JAN. 3.
6:00 to 7:00 p. m.—Music, the Hanlein-Knutson Trianon Ensemble, Hotel Muehlebach.

11:45 p. m. to 1:00 a. m.—The Plantation Players, Hotel Muehlebach; Cordsen-Mac's orchestra, Hotel Bellevue.

WDAF—PHILADELPHIA, PA. (395 METERS)
(Eastern Time.)

MONDAY, DEC. 29.
8:00 p. m.—Arcadia Cafe Concert Orchestra.

8:30 p. m.—Artist recital from the studio.

9:30 p. m.—Features from the Stanley Theater; overture by the Stanley Symphony Orchestra.

10:00 p. m.—Arcadia dance orchestra; vaudeville features from Fay's Knickerbocker Theater.

WEDNESDAY, DEC. 31.
8:15 p. m.—Program of dance music broadcast from control room in the Green Hill Farms Hotel, Overbrook, Pa.; Kentner Green Hills Farms Orchestra; artist recital from the studio.

10:00 p. m.—Arcadia dance orchestra; Salvatore Pizzi, director; features from the studio.

SATURDAY, JAN. 3.
7:30 p. m.—Arcadia Concert Orchestra.

WEAF—NEW YORK, N. Y. (492 METERS)
(Eastern Time.)

SUNDAY, DEC. 28.
7:30 to 9:15 p. m.—Musical program by "Rexy and His Gang," direct from Capitol Theater.

9:15 to 10:30 p. m.—Dinner in honor of Vincent Cecil of Chelwood, winner of the \$25,000 award for promotion of the Woodrow Wilson Foundation, direct from Astor Hotel.

MONDAY, DEC. 29.
6:00 to 11:15 p. m.—Dinner music by WEAF Instrumental Quartet, under direction of James A. N. Caruso; Fred Gerrold, baritone; musical program direct from the Mark Strand Theater; Albert Pierson, banjoist; and Gladys Hawkins, pianist; Premier Male Quartet; music by A. and P. Gypsies; "Foreign Affairs" by Capt. Gordon Gordon-Smith, attaché at the Legation of the Kingdom of the Serbs, Croats and Slovenes; Midnight Song Dance Orchestra.

TUESDAY, DEC. 30.
6:00 to 11:00 p. m.—Dinner music by WEAF Instrumental Quartet; University Eight Orchestra; Charles Troxell, tenor; Jack Glogau, pianist; Charles Guglielmi, sax artist; talk on "Cabinet Members on Eyesight," by John F. Hill; the Gold Dust Twins; "Eveready Hour"; "The Goodrich Silvertown Cord Orchestra," under the direction of Joseph Knecht.

WEDNESDAY, DEC. 31.
6:00 p. m. to 12:45 a. m.—Dinner music by WEAF Instrumental Quartet; synagogues services; Marie Ellersbrook, contralto; concert by the Philharmonic Society of New York; concert by the Oratorio Society of the Christian Science Institute of New York City; B. F. Goodrich Rubber Co.'s special New Year's program, including concert orchestra, vocal artist and chimes to ring out the old year and ring in the new.

THURSDAY, JAN. 1.
6:00 to 12:00 p. m.—Dinner music by WEAF Instrumental Quartet; Steering String Quartet; Waldorf-Astoria Concert Orchestra; Kirtus Tecumseh, Indian singer from the Yakima Tribe in Washington State; Vincent Lopez and his orchestra from the grill of the Hotel Pennsylvania.

FRIDAY, JAN. 2.
6:00 to 12:00 p. m.—Dinner music by WEAF Instrumental Quartet; Jack

Albin's Hotel Bossert Dance Orchestra; Happiness Candy Boys; B. Fischer & Co.'s "Astor Coffee" Dance Orchestra; Parnassus Trio; Kathleen Stewart and Winifred T. Barr, piano duets; Meyer Davis "Palm Beach" Orchestra from Lido-Venice Restaurant.

SATURDAY, JAN. 3.
6:00 to 12:00 p. m.—Dinner music by WEAF Instrumental Quartet; Miltstead and Sanchez, popular singers; program under auspices of the American Merchant Marine Library, with short talks by famous authors; Vincent Lopez and his orchestra from grill of Hotel Pennsylvania.

WFAA—DALLAS, TEX. (476 METERS)
(Central Time.)

SUNDAY, DEC. 28.
6:00 p. m.—Radio Bible Class.

7:30 p. m.—Westminster Presbyterian Church Service.

8:30 p. m.—E. W. Pfaffenberger, baritone, and Miss Johnnie Davis, pianist.

9:30 p. m.—Lee's Fox Trotters in popular music recital.

MONDAY, DEC. 29.
8:30 p. m.—Alita Club, a brass band, 25 ladies.

TUESDAY, DEC. 30.
8:30 p. m.—Mrs. H. H. White, Hugo, Ok., singing, with artists of two States accompanying.

11:00 p. m.—Dwight Brown in grand organ recital, the Palace Theater.

THURSDAY, JAN. 1.
8:30 p. m.—W. B. Chenoweth and his Cornfield Symphony Orchestra.

11:00 p. m.—The Adolphus Hotel Orchestra.

FRIDAY, JAN. 2.
8:30 p. m.—Mrs. George S. Watson, soprano, and Mrs. Jesse Lee Johnson, contralto, singing; Mrs. Juanita Blair Price, accompanist.

8:30 p. m.—Blue Bonnet Serenaders, in popular music orchestra.

11:00 p. m.—Adolphus Hotel Orchestra.

WGBS—NEW YORK, N. Y. (316 METERS)
(Eastern Time.)

TUESDAY, DEC. 30.
6:30 p. m.—Larry Funk's orchestra.

8:30 p. m.—MacFadden period. Helen Morris, soprano. Western Union Boys' Band, Richard B. Gilbert and His Tarepatch. Arthur Feldman in songs and monologues.

11:00 p. m.—Vincent Rose and his orchestra, direct from crystal room, Hotel Ritz-Carlton.

THURSDAY, JAN. 1.
6:00 to 8:00 p. m.—Notre Dame-Leland Stanford football game, play by play, direct from Pasadena Bowl, Pasadena, Cal.; Sigmund Spaeth, football coach and sports writer at microphone, with Paul Robeson, football star, actor and singer, on program.

8:00 p. m.—Robert Littell, "Main Street in the Theater," Nina Wolfe, European concert violinist, and Harry Anik, pianist, with classical composers. Macy and Scott, the radio acts. Music.

11:00 p. m. to 1 a. m.—Special musical program from Piccadilly Theater studio.

SATURDAY, JAN. 3.
7:30 to 8:30 p. m.—Armand Veezy and his Ritz-Carlton orchestra.

8:45 p. m.—All Danish program: Grete Birk, mezzo-soprano; Hye Sorensen, baritone; Paul Jensen, violinist; Ingeborg Svendsen-Tune, pianist.

11:00 p. m.—Russian Eagle Orchestra, direct from Russian Eagle Restaurant.

WGR—BUFFALO, N. Y. (319 METERS)
(Eastern Time.)

SUNDAY, DEC. 28.
4:00 p. m.—Organ recital, ballroom.

7:15 p. m.—Pre-service organ recital; evening service, direct from Central Presbyterian Church.

MONDAY, DEC. 29.
6:30 p. m.—Vincent Lopez Hotel Stäbler dinner music.

8:15 p. m.—Recital, Miss Albedina Wall, Mrs. H. H. Parsons of Silver Creek, N. Y.; address, "The Court Stenographer," by J. J. Healy; Gold Medal Entertainers.

11:00 p. m.—Addy Britt, Dick Finch.

TUESDAY, DEC. 30.
6:00 to 7:30 p. m.—Hallpyrd String Quartet dinner music.

8:00 to 10:00 p. m.—The Eveready Hour, by the National Carbon Co., broadcast jointly with Station WEAF, New York City.

10:00 to 11:00 p. m.—Goodrich Silvertown Cord Orchestra, broadcast jointly with Station WEAF, New York City.

WEDNESDAY, DEC. 31.
8:30 p. m.—Vincent Lopez Hotel Stäbler dinner music; Philharmonic concert, direct from Carnegie Hall, New York City.

THURSDAY, JAN. 1.
6:00 to 7:30 p. m.—Hallpyrd String Quartet dinner music.

FRIDAY, JAN. 2.
6:30 p. m.—Vincent Lopez Hotel Stäbler dinner music.

8:10 p. m.—Address, "Constructive Mechanical Movements," by Dr. J. P. Moles; Addy Britt, Dick French.

9:00 to 10:00 p. m.—B. Fischer & Co.'s Astor Coffee Dance Orchestra, broadcast jointly with Station WEAF, New York City.

10:00 p. m.—Recital by Alice Mackie and friends; Lyric Quartet, direction of W. Glass.

SATURDAY, JAN. 3.
6:00 to 7:30 p. m.—Hallpyrd String Quartet dinner music.

WGYY—SCHENECTADY, N. Y. (380 METERS)
(Eastern Time.)

SUNDAY, DEC. 28.
5:00 p. m.—Organ recital by Dr. Frank Hill Rogers, from St. Peter's Episcopal Church, Albany.

7:30 p. m.—Service of First Baptist Church, Poughkeepsie, N. Y.; the Rev. Clarence Hill Frank, pastor.

9:00 p. m.—Symphony music by Waldorf-Astoria Orchestra, Joseph Knecht, conductor, broadcast in co-operation with WJZ.

10:00 p. m.—Selections by mixed quartet of Hampton Institute; also broadcast by WJZ.

MONDAY, DEC. 29.
7:15 p. m.—Address by C. S. Wilson, president of the New York State Horticultural Society.

7:30 p. m.—Address by Mrs. R. G. Smith, secretary of the New York State Home Bureau Federation.

7:45 p. m.—Program by the choir of St. Mary's Church, Schenectady.

TUESDAY, DEC. 30.
6:30 p. m.—Dinner music by the Hotel Ten Eyck Trio, Albany.

7:45 p. m.—Musical comedy, "The Isle of Auvergne," presented by the Sphinx Players.

11:30 p. m.—Organ recital by Stephen E. Boelsch, from Proctor's Harmanus Bleecker Hall, Albany.

WEDNESDAY, DEC. 31.
9:00 p. m.—Community watch-night service of the churches of Schenectady.

11:55 p. m.—Chime selections from Trinity Church, New York; also broadcast by WJZ.

THURSDAY, JAN. 1.
6:30 p. m.—Dinner music by Hotel Ten Eyck Trio, Albany.

8:00 p. m.—Program by WGYY Orchestra and Nellie A. Elskley, pianist.

11:30 p. m.—Organ recital by Stephen E. Boelsch, from Proctor's Harmanus Bleecker Hall, Albany.

FRIDAY, JAN. 2.
7:45 p. m.—Health talk, New York State Department of Health.

8:00 p. m.—Radio drama, "The Little Teacher," presented by WGYY Players; music by WGYY Orchestra.

10:30 p. m.—Program by Elwood L. Clark, baritone, and Joseph Kreinen, violinist.

SATURDAY, JAN. 3.
9:30 p. m.—Dance music by Phil Romano's Orchestra of New Kenmore Hotel, Albany; popular songs.

WHAS—LOUISVILLE, KY. (400 METERS)
(Central Time.)

SUNDAY, DEC. 28.
4:00 p. m.—Organ recital by George Latimer, playing at Christ Church Cathedral.

4:30 p. m.—Choral evensong service at Christ Church Cathedral; the Very Rev. Richard L. McCready, dean; the Rev. Frank W. Hardy; men's and boys' choir of 60 voices.

MONDAY, DEC. 29.
4:00 to 5:00 p. m.—Selections by the Alamo Theater Orchestra.

TUESDAY, DEC. 30.
4:00 to 5:00 p. m.—Selections by the Alamo Theater Orchestra.

7:30 to 9:00 p. m.—Concert by Barney Raupp's Orchestra, at Brown Hotel; violin soloist, Mrs. Nic Bosler.

WEDNESDAY, DEC. 31.
4:00 to 5:00 p. m.—Selections by the Alamo Theater Orchestra.

7:30 to 9:00 p. m.—Concert by the Alamo Theater Orchestra.

THURSDAY, JAN. 1.
4:00 to 5:00 p. m.—Selections by the Alamo Theater Orchestra.

7:30 to 9:00 p. m.—Concert by Barney Raupp's Orchestra at the Brown Hotel.

FRIDAY, JAN. 2.
4:00 to 5:00 p. m.—Selections by the Alamo Theater Orchestra.

7:30 to 9:00 p. m.—Concert under the auspices of Mrs. Nic Bosler.

SATURDAY, JAN. 3.
4:00 to 5:00 p. m.—Selections by the Alamo Theater Orchestra.

7:30 to 9:00 p. m.—Concert under the auspices of Arthur Findling.

WEEK



CHARLES GALLOWAY—ORGANIST

MAN HEARS KSD LOUDSPEAKER

Following communication West-Dispatch Station KSD the frozen North speaks SITKA, Alaska, Dec. 1. I may be interested to know recently received your program KSD, using a loudspeaker. Reception was quite loud. Respectfully yours, F. P. ULRICH.

so fortunate in most of the jazz, for it seems the most of the jazz, and still more jazz, at it. It is all the same. I shored to extinction with all the jazz. You always seem to something rather worth while. CHARLES A. ANDERSON.

Lansing, Mich. Misses Folliess was surely fine; was good, very plain and the surely had their parts well. The whole program was good respect. OTTIE GREEN.

Boise, Idaho. Coming through quite good. R. G. COLE.

Cincinnati, O. Enjoyed your programs many specially music from Missouri. ALVIN FLINK.

Toronto, Ontario. Your fine programs every time in the air. Sure does come in band. Thanks. J. CRONAN.

Detroit, Mich. Hard to staff and artists on your coming in as clear as local Vin James and the Doctor's time. Will listen in for same date. I. P. GRAY.

Charlotte, N. C. for song "Old Black Joe" last congratulate the singer. T. P. McBEATH.

San Diego, Cal. part of your program to came in as loud and clear as everything was fine. BERT BECKUS.

Sanger, Cal. New lines to let you know that our programs and appreciate much. C. H. ULLON.

Vancouver, Wash. ed your station very clear and light. M. L. HOEKINS.

Outremont, Canada. concert last night was received enjoyed. Coming in loud and C. J. KING.

Maryville, Tenn. ly enjoy your programs. They so plain and clear. Look for- coming in on this station because get something worth while. B. L. MARTINS.

Painted Post, N. Y. enjoyed your programs in the hope to continue to do so. JAMES Z. WILDER.

Depost, N. Y. ed your program last evening and wish to congratulate JOHN D. CHIPP.

RADIO PROGRAMS FOR THE WEEK—Continued

WKB—KANSAS CITY, MO.
(411 METERS)
(Central Time.)

SUNDAY, DEC. 28.
8:00 to 9:15 p. m.—Services over direct wire from the Sixth Church of Christ, Scientist.
12:00 p. m.—Specialty musical program.

MONDAY, DEC. 29.
7:00 to 8:00 p. m.—Varied musical program by Sweeney Radio Trio, and address by J. J. McCue.

TUESDAY, DEC. 30.
8:00 to 9:00 p. m.—Special program.

WEDNESDAY, DEC. 31.
7:00 to 8:00 p. m.—New Year Eve program by artist pupils of the Gertrude Conannon School of Music; piano pupils of Gertrude Conannon; voice pupils of Herman Springer, and violin pupils of Harry Kaufmann.

WHO—DES MOINES, IOWA
(522.3 METERS)
(Central Time.)

MONDAY, DEC. 29.
7:30 p. m.—Hibbard Cleveland, basso; Myrtle Williams, soprano; Helen Birmingham, accompanist.
8:00 p. m.—Classical program, under direction of Dean Holmes Cowper of Drake University.

MONDAY, DEC. 29.
11:15 p. m.—Organ recital, L. Carlos Meier, organist at the Capitol Theater of Des Moines, Ia.

WEDNESDAY, DEC. 31.
7:30 p. m.—Dance program, the Bankers' Life Radio Orchestra; Mrs. Louis F. Bond, soprano, of Eagle Grove, Ia.

FRIDAY, JAN. 2.
7:30 p. m.—The Gerber Quartet and Entertainers.

WIP—PHILADELPHIA, PA.
(509 METERS)
(Eastern Time.)

TUESDAY, DEC. 30.
8:15 p. m.—Concert by the Philadelphia Police Band, under the direction of J. E. Kiefer, broadcast direct from the police band room.
9:00 p. m.—Recital by Eugene Tkacz, Polish violinist, and Gregori Tokgrewski, pianist.
10:30 p. m.—Special dance music by Harvey Marburger and his vaudeville orchestra, broadcast direct from the Cafe L'Aiglon.

SATURDAY, JAN. 3.
8:15 p. m.—Two plays by the Emilia Kridler Norris School of Expression and Stage Art, "When the Whirlwind Blows," and "He Said and She Said."
9:00 p. m.—"In Fairyland," a song cycle by Orlando Morgan, sung by the Kurtz Studio Concert Quartet.
10:05 p. m.—Dance music by Art Coogan and his Club Madrid Orchestra, broadcast direct from the Club Madrid.
11:05 p. m.—Organ recital by Karl Bonawitz, broadcast direct from the Germantown Theater.

WJAX—CLEVELAND, O.
(390 METERS)
(Eastern Time.)

MONDAY, DEC. 29.
7:00 p. m.—Musical program broadcast direct from Loew's State Theater.

TUESDAY, DEC. 30.
7:00 to 11:00 p. m.—Musical program presented by the Cleveland News.

SATURDAY, JAN. 3.
12:00 to 3:00 a. m.—Nite-Caps concert.

WJY—NEW YORK, N. Y.
(405 METERS)
(Eastern Time.)

SUNDAY, DEC. 28.
8:15 p. m.—Bernhard Levittow's Hotel Commodore Concert Orchestra.

TUESDAY, DEC. 30.
7:30 p. m.—Wanamaker organ recital; Christmas carol by John Wanamaker Cadet Choir.
8:15 p. m.—Savarin Ensemble.
10:00 p. m.—Darl Bethman, baritone.
10:00 p. m.—"Italy and Holy Year," Wirt W. Barnitz.

FRIDAY, JAN. 2.
7:30 p. m.—Billy Wynne's Greenwich Village Inn Orchestra.
9:15 p. m.—Ken Burdick, composer baritone.
10:00 p. m.—Aes Brigade and his fourteen Virginians, direct from Monte Carlo Club.

WJZ—NEW YORK, N. Y.
(455 METERS)
(Eastern Time.)

SUNDAY, DEC. 28.
7:00 p. m.—Nathan Abas' Hotel Pennsylvania Orchestra.
8:45 p. m.—Joseph Knecht's Waldorf-Astoria Sunday Evening Concert Orchestra; WGY will also broadcast.

MONDAY, DEC. 29.
7:00 p. m.—Bernhard Levittow's Hotel Commodore Concert Orchestra.
9:15 p. m.—Piedmont Trio.
10:00 p. m.—"The Texans," Milstead and Sanchez, popular songs.
10:45 p. m.—Jacques Green and his Club Deauville Orchestra, with Clark's Hawaiians.

TUESDAY, DEC. 30.
7:15 p. m.—Hotel Vanderbilt Orchestra.
8:10 p. m.—"Radio Forecast for 1925," by Orrin E. Dunlap Jr.
8:30 p. m.—Edley organ recital.
9:15 p. m.—United States Navy Night; Navy Yard Band, sea songs.
10:30 p. m.—Meyer Davis' Society Orchestra, direct from Le Paradis Cafe, from WRC, Washington.

WEDNESDAY, DEC. 31.
7:00 p. m.—Bernhard Levittow's Hotel Commodore dinner music; WRC will also broadcast.
8:10 p. m.—Al Bernhard and Russell Robinson.
10:30 p. m.—Billy Wynne's Greenwich Village Inn Orchestra.
11:15 p. m.—New Year's Watch Service and chimes of Trinity Church; WGY and WRC will also broadcast.

THURSDAY, JAN. 1.
7:00 p. m.—Bernhard Levittow's Hotel Commodore dinner music; WRC will also broadcast.
8:00 p. m.—Larry Funk and his orchestra.

FRIDAY, JAN. 2.
7:00 p. m.—Joseph Knecht's Waldorf-Astoria dance orchestra; WRC will also broadcast.
10:30 p. m.—Erudody's Park Lane Hotel Orchestra.
9:30 p. m.—Sando Albu, violinist.
10:30 p. m.—Beaux Arts Orchestra, direct from Studio Art Club.

SATURDAY, JAN. 3.
7:00 p. m.—Joseph Knecht's Waldorf-Astoria Dance Orchestra.
8:00 p. m.—"Incidents Making Me Laugh," George Laval Chesterton.
8:30 p. m.—Cornell Musical Club concert, direct from Town Hall, WRC will also broadcast.
10:30 p. m.—Hotel Astor Dance Orchestra; WRC will also broadcast.

WLS—CHICAGO, ILL.
(345 METERS)
(Central Time.)

SUNDAY, DEC. 28.
6:30 p. m.—Ralph Emerson.
7:00 p. m.—Redeemers Lutheran Church Choir of Englewood.

TUESDAY, DEC. 30.
6:30 p. m.—Ralph Emerson; Ford Rush and Glenn Rowell; Grace Wilson, contralto; Isham Jones and his College Inn Orchestra; Adele Blauer Waskow, contralto.
8:00 p. m.—Evening R. F. D. Farm Club program.
9:00 p. m.—WLS Theater presents Anthony Wons in Shakespearean drama.
10:00 p. m.—Isham Jones and his College Inn Orchestra; Irving Epstein, violinist; "Evolution of Sunshine and Rain Songs."
12:00 p. m.—Midnight revue.

WEDNESDAY, DEC. 31.
6:30 p. m.—Ralph Emerson; WLS Theater presents Wallace Bruce Ambary in "The Theme Eternal" and "On the Middle Division"; Grace Wilson, contralto; Ford and Glenn.
THURSDAY, JAN. 1.
6:50 p. m.—Ralph Emerson; Ford and Glenn.
7:15 p. m.—"New Years Calling in on WLS Jingle Bells Slough."

FRIDAY, JAN. 2.
6:30 p. m.—Ralph Emerson at our Barton organ; Ford Rush and Glenn Rowell; Wabash Avenue Y. M. C. A. Quartet; Isham Jones and his College Inn Orchestra.
9:00 p. m.—WLS P. D. program.
9:00 p. m.—WLS Theater presents radio drama, a Saddle feature; Isham Jones and his College Inn Orchestra; Robinson and Bernard; Rudolph Bryant's mandolin orchestra; Ford and Glenn.

SATURDAY, JAN. 3.
7:15 to 12:00 p. m.—Saturday midnite revue.

WMAQ—CHICAGO, ILL.
(447.5 METERS)
(Central Time.)

MONDAY, DEC. 29.
6:00 p. m.—Chicago Theater organ recital.
6:30 p. m.—Hotel La Salle Orchestra.

TUESDAY, DEC. 30.
6:00 p. m.—Chicago Theater organ.
6:30 p. m.—Hotel La Salle Orchestra.
8:30 p. m.—Clara E. Laughlin, travel talk. Association of Commerce weekly talk. University of Chicago lecture.
9:15 p. m.—Leo Sowerby program. Concerto by Leo Sowerby and Joseph Brinkman.

WEDNESDAY, DEC. 31.
6:00 p. m.—Chicago Theater organ recital.
8:30 p. m.—Weekly lecture, Northwestern University.
8:30 p. m.—To be announced.

9:00 p. m.—Musical program.

THURSDAY, JAN. 1.
Program to be announced.

FRIDAY, JAN. 2.
6:00 p. m.—Organ Recital from Chicago Theater.
6:30 p. m.—Hotel La Salle Orchestra.
8:00 p. m.—Weekly Wide-Awake Club program directed by Mrs. Frances M. Ford.
Ford Musical geography, Mr. and Mrs. Marx E. Oberdorfer; "Lost and Found in Florida," Edward G. Taylor.
9:15 p. m.—Musical program to be announced.

SATURDAY, JAN. 3.
6:00 p. m.—Hotel La Salle Orchestra.
8:30 p. m.—Radio Photologue, Hawaii, Paul P. Holerman.
9:00 p. m.—Weekly Balaban & Katz Chicago Theater revue.

WMH—CINCINNATI, O.
(309 METERS)
(Central Time.)

SUNDAY, DEC. 28.
7:00 p. m.—Religious service under the auspices of the Walnut Hills Christian Church.

MONDAY, DEC. 29.
8:00 p. m.—The Ohio Military Band.
9:00 p. m.—The Original Blue Grass Entertainers.

WEDNESDAY, DEC. 31.
8:00 p. m.—Organ selections by Clarence R. Reeves; contralto solos by Mrs. L. T. Rebbiso; cello solos by Oscar Kirsche, Clarence Reeves, accompanist; short talk by George W. Platt; piano solos by Clarence R. Reeves.
9:00 p. m.—Bill Maria's orchestra.

THURSDAY, JAN. 1.
8:00 p. m.—Organ selections by Kurt Henkel; instrumental duets, Herman Maurer, concertino, and William Schwarz, cornet; soprano solos, Miss Mildred Scott.
9:00 p. m.—Woody Beall and his Eastern Hills Orchestra.

SATURDAY, JAN. 3.
10:00 p. m.—Special program arranged by and under the direction of Charles H. Partington; selections by the Roman Reed and String Quartet; vocal duets by Mr. and Mrs. Roy Myers; tenor solos by Sam Pushter; clarinet solos by Earl Whitting; accordion solos by Charles H. Partington; violin solos by Eugene Perazzo, David Brinkmoeller, accompanist; piano solos by Mrs. Roy Myers.

WOAW—OMAHA, NEB.
(522.3 METERS)
(Central Time.)

SUNDAY, DEC. 28.
6:00 p. m.—Bible study period.
9:00 p. m.—Musical chapel service, Lowe Avenue Presbyterian Church.

MONDAY, DEC. 29.
6:00 p. m.—Dramatic hour, David Studio of Expression.

TUESDAY, DEC. 30.
6:25 p. m.—Dinner program, transmitted from WOAW's remote control studio in the May Seed & Nursery Co., Shenandoah, Ia.

9:00 p. m.—Program by courtesy of the Phi Beta Pi medical fraternity, in conjunction with their national biennial convention in Omaha, Dec. 28 to 30; courtesy Alpha Psi and Alpha Alpha chapters of Nebraska and Creighton Colleges of Medicine, Omaha, including instrumental solos and Dr. Matt Severin, baritone; address by Dr. W. A. Fessler, supreme archon of Phi Beta Pi.
10:30 p. m.—Woolf frolic, by Frank Hodek Jr. and his Omaha Nightingales.

WOC—DAVENPORT, IOWA
(498 METERS)
(Central Time.)

SUNDAY, DEC. 28.
8:00 p. m.—Church service; the Rev. S. A. Morning, pastor of Presbyterian Church of Deep River, Ia.

9:30 p. m.—Musical program, the Palmer School Radio Orchestra.

MONDAY, DEC. 29.
8:00 p. m.—Musical program, Casey Jones' orchestra of Galesburg, Ill.; Mrs. J. Allison and A. J. Maxwell, entertainers.
9:00 p. m.—Educational lecture, "American and Foreign Banking in 1924," by Albert Jansen.

10:00 p. m.—Musical program, Katherine Rankin, pianist; Nat Ozmon and Peter MacArthur, novelty entertainers; Jane Scott and James Wood, entertainers.

WEDNESDAY, DEC. 31.
8:00 p. m.—Organ recital from the B. J. Palmer residence; Erwin Swindell, organist; Howard A. Carroll, tenor.
10:30 p. m.—Special, New Year's Eve radio party from WOC studio; also dance numbers by Louis Connor and his LeClaire Winter Garden Orchestra of Moline, Ill.

THURSDAY, JAN. 1.
7:30 p. m.—Special program by Carlisle Evans and his Coliseum Orchestra.

9:00 p. m.—Orchestra program by the Schuster Sisters' California Orchestra of the Hotel Blackhawk.

FRIDAY, JAN. 2.
8:00 p. m.—Musical program, "Mississippi Hot Spots" Dance Orchestra.

SATURDAY, JAN. 3.
9:00 p. m.—Orchestra program, Louis Connor and his LeClaire Hotel Orchestra, broadcast direct from the LeClaire Winter Garden, Moline, Ill.; song and novelty numbers by Peter MacArthur.

WOS—JEFFERSON CITY, MO.
(440.9 METERS)
(Central Time.)

SUNDAY, DEC. 28.
7:30 p. m.—Church services by direct wire from the Central Evangelical Church.

MONDAY, DEC. 29.
8:00 p. m.—Concert of piano solos presented by Harry M. Snodgrass.

WEDNESDAY, DEC. 31.
8:00 p. m.—Address, "If Your Family Could Talk," by D. C. Woods.
8:15 p. m.—Address, "Physical Education and the Formation of Habits," by Dr. Henry S. Curtis.
8:30 p. m.—"Fiddlin'" program presented by Henry Taylor of Cairo, Mo.

WRC—WASHINGTON, D. C.
(469 METERS)
(Eastern Time.)

TUESDAY, DEC. 30.
7:15 p. m.—Dinner concert by Mrs. Davis' New Willard Hotel Orchestra from the New Willard Hotel.

9:20 p. m.—Concert by Irving Berlin, Stein's Wardman Park Hotel Quartet, direct from the Brunswick Laboratories, New York City, broadcast jointly with Stations WJZ, WRC, KDKA and KFKX.
11:00 p. m.—Dance program by Mrs. Davis' Le Paradis Band, direct from the Cafe Le Paradis, broadcast jointly with Station WJZ.

WEDNESDAY, DEC. 31.
11:15 p. m.—Watch service from Trinity Church, New York City, broadcast jointly with Stations WJZ and WRC.

THURSDAY, JAN. 1.
7:00 p. m.—Concert by Bernhard Leontow's Hotel Commodore Orchestra, broadcast jointly with Station WRC from Hotel Commodore, New York City.

9:20 p. m.—Concert by the Lee Harris Trio.
10:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

10:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

10:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

10:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

10:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

10:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

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10:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

10:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

RADIO PROGRAMS

SATURDAY, JAN. 3.
9:00 p. m.—Dinner music by Irving Berlin's Washington Hotel Orchestra, broadcast direct from the Washington Hotel, New York City.

9:00 p. m.—Cornell Musical Club concert, broadcast jointly with Station WJZ from the Town Hall, New York City.

9:00 p. m.—Dance program by the Astoria Hotel Orchestra, New York, broadcast jointly with Station WJZ, New York City.

9:00 p. m.—Organ recital by Otto Beck, broadcast direct from Crandall's Tavern, New York City.

WSAL—CINCINNATI, OHIO
(309 METERS)
(Central Time.)

SUNDAY, DEC. 28.
8:00 p. m.—Bermontette. Sacred chime concert.

MONDAY, DEC. 29.
8:00 p. m.—Cliff Burns' Country Club Orchestra. Doc Howard's Cuvier Entertainers.

TUESDAY, DEC. 30.
8:00 p. m.—Hotel Gibson Orchestra.

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8:00 p. m.—Hotel Gibson Orchestra.

Continued

RADIO PROGRAMS FOR THE WEEK—Continued

ORCHESTRA program by the Sisters' California Orchestra, Hotel Blackhawk.

FRIDAY, JAN. 2.

10:00 p. m.—Musical program, "Minsk Hot Spots" Dance Orchestra.

SATURDAY, JAN. 3.

10:00 p. m.—Orchestra program, Lombard and his LeClair Hotel Orchestra, broadcast direct from the LeClair Hotel Garden, Moline, Ill.; song and story numbers by Peter MacArthur.

JEFFERSON CITY, MO. (440.9 METERS)
(Central Time.)

SUNDAY, DEC. 28.

10:00 a. m.—Church services by direct from the Central Evangelical church.

MONDAY, DEC. 29.

10:00 p. m.—Concert of piano solos presented by Harry M. Snodgrass.

WEDNESDAY, DEC. 31.

10:00 a. m.—Address, "If Your Farm Will Talk," by D. C. Woods.

10:00 p. m.—Address, "Physical Education and the Formation of Habits," by Henry S. Curtis.

10:30 p. m.—"Fiddlin'" program presented by Henry Taylor of Cairo, Mo.

WASHINGTON, D. C. (469 METERS)
(Eastern Time.)

TUESDAY, DEC. 30.

10:00 p. m.—Dinner concert by Meyer Davis' New Willard Hotel Orchestra.

10:30 p. m.—Concert by Irving Boersma's Wardman Park Hotel Quartet.

11:00 p. m.—"Brunswick Hour of Music," direct from the Brunswick Laboratories, New York City, broadcast jointly with Stations WJZ, WGY, WKA and KFKX.

11:30 p. m.—Dance program by Meyer Davis' Le Paradis Band, direct from the Cafe Le Paradis, broadcast jointly with Station WJZ.

WEDNESDAY, DEC. 31.

10:00 p. m.—Watch service from Trinity church, New York City, broadcast jointly with Station WJZ and WGY.

THURSDAY, JAN. 1.

10:00 p. m.—Concert by Bernard Lett's Hotel Commodore Orchestra, broadcast jointly with Station WJZ from Hotel Commodore, New York City.

11:00 p. m.—Concert by the Lee Hotel Orchestra.

11:30 p. m.—Dance program by the Waldorf-Astoria Orchestra, broadcast jointly with Station WJZ from the Waldorf-Astoria Hotel, New York City.

CHIME CONCERT.

9:00 p. m.—Musical program.

THURSDAY, JAN. 1.

10:00 p. m.—George Clifford Cook, baritone; Piano solos, Miss Mary Gill Higbee; Miss Celeste Bradley, violinist; Carl Cornuelle, tenor.

SATURDAY, JAN. 3.

10:00 p. m.—Chime concert. Bicycle Male Quartet; contralto solos, Miss Helen Nugent; Sept and Collins.

12:00 p. m.—Midnight Entertainers.

12:30 a. m.—Freda Sanker's Toadstool Orchestra.

WTAM—CLEVELAND, O. (390 METERS)
(Eastern Time.)

MONDAY, DEC. 29.

10:00 to 1:00 p. m.—Dinner concert by Philip Spitalny's Orchestra.

1:00 to 10:00 p. m.—WTAM Symphonic Ensemble old-time concert. Mr. and Mrs. Otis C. Arnold in old-time fiddlin'.

10:30 p. m. to 1 a. m.—Dance program by Philip Spitalny's Orchestra.

TUESDAY, DEC. 30.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

WEDNESDAY, DEC. 31.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

1:00 to 10:00 p. m.—Concert program.

THURSDAY, JAN. 1.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

FRIDAY, JAN. 2.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

SATURDAY, JAN. 3.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

1:00 to 10:00 p. m.—Dance program by the Ev. Jones WTAM Dance Orchestra.

WWJ—DETROIT, MICH. (517 METERS)
(Eastern Time.)

MONDAY, DEC. 29.

10:00 p. m.—The Detroit News Orchestra.

TUESDAY, DEC. 30.

10:00 p. m.—The Detroit News Orchestra.

WEDNESDAY, DEC. 31.

10:00 p. m.—The Detroit News Orchestra.

THURSDAY, JAN. 1.

10:00 p. m.—The Detroit News Orchestra.

FRIDAY, JAN. 2.

10:00 p. m.—The Detroit News Orchestra.

WAL—CINCINNATI, OHIO (309 METERS)
(Central Time.)

SUNDAY, DEC. 28.

10:00 p. m.—Sermonette. Sacred chime concert.

MONDAY, DEC. 29.

10:00 p. m.—Cliff Burns' Country Club Orchestra. Doc Howard's Cuvier Entertainers.

TUESDAY, DEC. 30.

10:00 p. m.—Hotel Gibson Orchestra.

gram by Guy Lombardo and his Royal Canadians.

WEDNESDAY, DEC. 31.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

1:00 to 10:00 p. m.—Concert program.

THURSDAY, JAN. 1.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

FRIDAY, JAN. 2.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

SATURDAY, JAN. 3.

10:00 to 1:00 p. m.—Dinner dance program by Guy Lombardo and his Royal Canadians.

1:00 to 10:00 p. m.—Dance program by the Ev. Jones WTAM Dance Orchestra.

F. Eugene Wilson, baritone; Miss Margaret Foy, soprano.

TUESDAY, DEC. 30.

10:30 p. m.—The Detroit News Orchestra; Miss Barbara Case, soprano; S. J. Shone, tenor.

WEDNESDAY, DEC. 31.

10:00 p. m.—Dance music by Jean Goldkette's Orchestra and special New Year's Eve program.

THURSDAY, JAN. 1.

10:30 p. m.—Jean and Theone, song fashions.

10:00 p. m.—Dance music by Jean Goldkette's Orchestra, broadcast from the Graystone ballroom.

11:30 p. m.—The Detroit News Orchestra.

Progress of the Year in the Field of Radio

By THOMAS STEVENSON.

FROM a baby to a healthy, growing boy.

These few words, perhaps, best all describe the progress in the radio during the last year. Quite true, it was a good, big baby at the beginning of 1924. Nevertheless, the advance of the newest industry and public acceptance has been so rapid and so many promises are made for the future that it is hard to conceive of it other than as being in its infancy.

As a rule, the American public does not travel long at even the most astounding invention or accomplishment. It usually wears off quite soon. During the past year the novelty of radio was worn off to a considerable extent by the general public is beginning to take it more for steady entertainment than for thrills.

Of course, the thrills are still there; they are MacMillan, the explorer, tell of his Eskimos in ice-bound regions with American fans; to a station far away; to have a radio set work perfectly, or similar things still hold the power to fascinate. Two years ago, most if not all of the accomplishments in radio during the last 12 months would have been deemed impossible of attainment. This has radically changed and now everybody, skilled or unskilled, admits the possibility of anything in connection with radio.

These skilled in the art, two big stand out as accomplishments of 1924, while several improvements anticipated for 1925. The consensus of experts and inventors at the time of the year 1924, the developments of 1924, the connection of broadcasting stations so that the entire country might be on a national program.

Improvement and development of high power or short wave lengths which, in addition to other things, may provide more channels through the ether. These are the anticipations for 1925; further developments of high frequency transmission of pictures with great speed and accuracy.

Progress in reducing the effects of fading, atmospheric disturbances and interference.

Directional transmission and reception. Increase of range of service of broadcasting stations through development of higher power.

Development of underground antennae which may increase distance and at the same time eliminate static, fading and interference.

Advances in receiving sets, such as higher selectivity, simplicity of tuning and the elimination of batteries through use of current supplied by electric lighting systems.

Here are opinions of Washington experts and inventors in regard to the most conspicuous developments of 1924 and the most conspicuous developments anticipated for 1925:

Dr. J. H. Dellinger, Chief of Radio Laboratory, Bureau of Standards: "My idea of the outstanding achievement in radio research during the past year is the development of the high radio frequency, 20,000 to 20,000 kilocycles. Great steps have been taken in clearing the understanding of the process by which these high frequency waves are transmitted. On account of the relatively small degree of fading and the great distance covered by these waves with small power, especially at night, they have been found to be thoroughly practicable for radio telegraphic communication and promising for radio telephony. Repeated instances of transmissions thousands of miles with a few watts of transmitting power have been very astonishing to the general public. It has been found that waves throughout this frequency range may be readily directed in fairly concentrated beams. In this development a great step has been made toward the solution of the interference problem."

"On the question of future developments, here are some of the things I anticipate for 1925:

"Beam Transmission.—Development of practical means of directing waves in concentrated beams in desired directions. The use of this system at lower frequencies than heretofore. Adaptation of this system to the reduction of interference."

"Directional Reception.—Improvement in direction finders. Development of very directional receiving systems. Introducing another element of interference reduction."

"Further development, an application of the high frequencies, 20,000 to 20,000 kilocycles. The utilization and control of radio waves at these frequencies on a regular engineering basis. Increase in knowledge of the possibilities of these waves and the mode of their propagation."

"Radio Relaying.—Perfection of means for relaying and rebroadcasting and adaptation to various services, utilizing in particular the higher frequencies."

"Progress in reducing the effects of fading. Improvements in broadcasting. Broadcasting to take more definite form as a distant service as against its initial phases of novelty or pastime. Higher quality in the receiving of broadcasting through improvements in receiving sets and through the use of higher power in the broadcasting stations. Greater availability of the past broadcast programs through interconnection of stations and through the use of higher power."

"Advances in Receiving Sets.—The wider use of sets of high selectivity can be expected. While batteries give such good service as the supply for electron tubes that they are hard to displace, progress can be expected on devices for using alternating current as a tube supply."

"Radio Standardization.—Elimination of a multiplicity of parts by the radio industry. Standardization of receiving and transmitting electron tubes."

"Radio Transmission of Pictures.—Improvement of quality and speed of transmitted pictures through efforts of numerous investigators and companies."

"Radio Beacons.—Extension of radio beacon systems for navigation by sea and air."

"General progress on many of the major problems of radio technique such as various phases of the interference problem, radio measurements, radio wave intensity measurement and control, and reduction of the effects of atmospheric disturbances."

Chief Supervisor of Radio W. D. Terrell: "The outstanding feature in radio development during the year 1924 is the linking together of several stations by wire and by radio, making it possible to reach practically every radio listener in the United States, putting them in direct touch with the most important events of general public interest, such as the political conventions, world series games and addresses by men high in public life."

Commander J. H. Taylor, Naval Experimental Laboratory: "I think the most important development in 1924 was the work done in developing high frequencies, and I think this development will continue to be the most important for some years."

Maj. Louis B. Bender, Chief of Engineering and Research Division, United States Army Signal Corps: "I think the major development of 1924 was the progress made in the exploration of high frequencies. I think the same subject will be the big development of 1925."

C. Francis Jenkins, inventor: "The most outstanding event in radio the past year was the activity and marvelous accomplishments by the use of short wave lengths. The most outstanding feature of the coming year will be the introduction of pictures by radio in action as an entertainment in the home."

Dr. J. Harris Rogers, inventor: "In my humble opinion the great distance covered by short waves, using comparatively little power, is the most revolutionary achievement during 1924, especially as we have been taught that only long waves were practicable for great distances. I believe the greatest development of 1925 will be transmission and reception by buried antennae. By the use of such, fading will be eliminated, signal strength will be the same during the 24 hours, the difficulties of static reduced and owing to the marked directivity of this form of antennae, less power will be required to cover great distances. I also believe that it will be conceded, sooner or later, that communication over great distances is had through the conductivity of the earth's crust and not through the space above."

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Twin Giants

It requires good audio transformers to take the output of the detector tube and add nothing but volume. And AmerTrans are real giants when harnessed to the task of transforming weak signals into clean-cut, enjoyable, loud-speaker entertainment.

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The method of trapping your set in the KeyStone Arresters makes it possible to replace your batteries in less than five minutes. The cost of the KeyStone Arresters is \$1.00 per set. The cost of the KeyStone Batteries is \$1.00 per set. The cost of the KeyStone Arresters and Batteries is \$2.00 per set.

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How to Locate and Remedy Reflex Trouble

By J. GRABAR JR.

ONE of the most efficient circuits, giving maximum volume and minimum upkeep for a portable set, is the Grimes Inverse Duplex.

However, carefully the diagram may have been followed and parts connected, results do not always come up to expectations. It must be remembered that this circuit, like all sensitive circuits, has difficulties that arise in putting it into operation, due to the fact that every tube is working at maximum efficiency. It is the purpose of this article to discuss some of the troubles that arise and methods for overcoming them.

To determine whether the set is functioning properly, disconnect the crystal detector. A howling sound should be heard. If this is not the case, the circuit is not "reflexing" correctly. This is the most common and also the most difficult trouble to cure, because so many details enter the field. If speech and music continue with the detector removed, one of the tubes is functioning as a detector and from the diagram it will be seen that the first tube is most likely to blame. You will notice that the phones are connected directly to the output of that tube.

To locate the mischief, the builder will have to resort to the cut-and-try method. If apparatus has been purchased in accordance with specifications and from a reliable dealer, the question of defective parts may be omitted. To make sure, though, that the transformers are good, test each winding by connecting it in series with a pair of phones and a small dry cell. A click will be heard whenever the circuit is completed, if the windings are in good condition.

With right parts installed, we may assume without much error that the "non-reflexing" of the set is due to wrong by-pass or fixed condensers. It is impossible, in designing a circuit, to give absolute fixed values for these condensers, as different transformers have different characteristics and require different capacities.

Furthermore, it must be remembered that the capacity stamped on the condenser may not always be exact. When testing some of them in the laboratory, I have found that their capacity may vary anywhere from 10 per cent to 50 per cent of its rated value. This is especially true of the paper type, which, by the way, are apt to change their capacity with atmospheric conditions. They should never be used, if consistent results are desired.

Before calling your attention to some of the other difficulties that might arise, let me say another word concerning fixed condensers. If the best are purchased, it is not expedient to get a great number for experimenting, since by connecting the condensers on hand in either series or parallel, the desired capacity may be obtained. Figure 1 illustrates this point. Condensers connected in parallel add their capacities. But if two condensers of like capacity are connected in series, their total capacity will be one-half of one of them.

All radio-frequency circuits have a tendency to howl and whistle if not carefully assembled. The reflex is no exception. The cause of this may be divided into two main groups; audio-frequency feed-backs and radio-frequency feed-backs. By feed-back is meant the feeding back of energy into the circuit at some point where it should not. The radio type manifests itself by a whistle, noticeable at certain points when tuning. The audio effect may be distinguished by the deeper and fuller tone, approaching a howl, which is present over the entire range of the tuning element.

Of the two, the radio-frequency feed-back is the easier to handle. The whistling may be caused by either body capacity or stray lines of force from the antenna coil acting upon the radio-frequency transformers. It may be greatly reduced by connecting the stationary plates of the variable condenser to the grid side of the secondary of the coil, and by shielding the whole set in the usual manner. Finally, by placing the aerial inductance at right angles to or in a different plane from the radio transformers, all such difficulties should be overcome.

Audio-frequency feed-backs may be subdivided into three classes: Magnetic, inductive and capacity. The worst offender of the three is the first—magnetic feed-back. It may be remedied by moving the audio-frequency transformers at least three inches apart. This is not always convenient, especially in a portable set. The same effect will be secured by

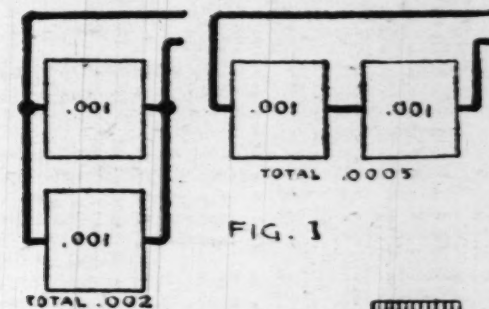


FIG. 1

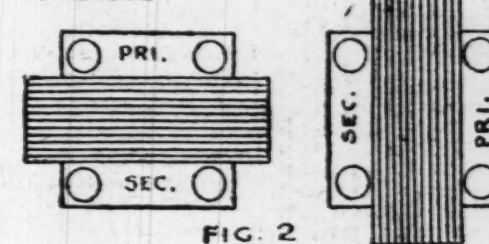


FIG. 2

placing these transformers so that their windings are at right angles to each other. See Figure 2.

The second type of audio feed-back is not often encountered. It may be traced to inductive resonance between the two audio transformers. To make sure that this trouble does not appear it is wise to use two different makes. However, the product of the same manufacturer usually varies enough to overcome any ten-

dency towards inductive resonance. Capacity feed-back is caused by frequencies leaking or feeding through capacity paths in the set. A rather expected cause is spaghetti tubing. Its use. It is advisable to use D. bell wire to hook up the parts of a portable set. If a connection should open to be jarred loose during transportation, there is less chance of burning the tubes. The effects of capacity back may be obviated by placing condensers across the primary of audio transformers. These are from .001 to .002 mfd.

The troubles here discussed are peculiar to reflex sets and especially the Grimes Inverse Duplex. It is to be understood that other factors might enter into the building of the set and its results. The tube sockets should be examined for correct spring pressure. It is good practice to raise the springs slightly to insure good contact with tube prongs. If you are using take care not to use too much soldering connections to them. The plus will flow into the insulating material and thus cause a leak between springs. Try reversing connections of the transformers and the crystal detector. Finally, test your batteries.

As a last resort it would be well to take the whole set to a friend and have him test it. If the trouble is sometimes surprising. If you are the steps outlined here your trouble should be located and remedied in order.

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Savings in Costs With Latest Type Batteries

(Continued From Page 7.)

"The new dry cell 'B' batteries have not been on the market very long, and have had, therefore, scarcely time to demonstrate their superiority over the old, but radio users ought to begin soon to realize that their batteries are giving longer service than they have received in the past."

Mr. Furness also took occasion to report on the standardization and simplification work of the Battery Standards Committee.

"Standardization is particularly desirable in the manufacturing of batteries," he pointed out. "Sizes and shapes must be uniform, so far as possible, in order that manufacturers of portable and semi-portable receiving sets may design compartments that will hold any make of battery that the user may choose. To avoid confusion and minimize the

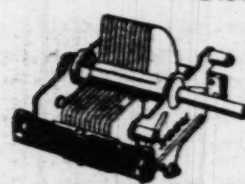
chances of batteries being wrongly connected, it is essential that markings and locations of terminals be uniform. For best operating results, it is necessary that the amount and pressure of the current supplied by various makes of batteries be uniform.

"To date this committee has issued standards and made recommendations covering the following: Types of terminals, location of terminals and terminal markings for dry cell 'A' and 'B' batteries; shape of cartons for dry cell 'A' batteries, standard tests to determine the operating characteristics of 'A' and 'B' batteries and a system of designation of types of dry cell 'B' batteries."

These standards of the Battery Committee have been adopted by the Radio Section as a whole, comprising the most important manufacturers and dealers in radio apparatus, and are now officially in effect.

SIGNAL CONDENSER

New Low Loss Type

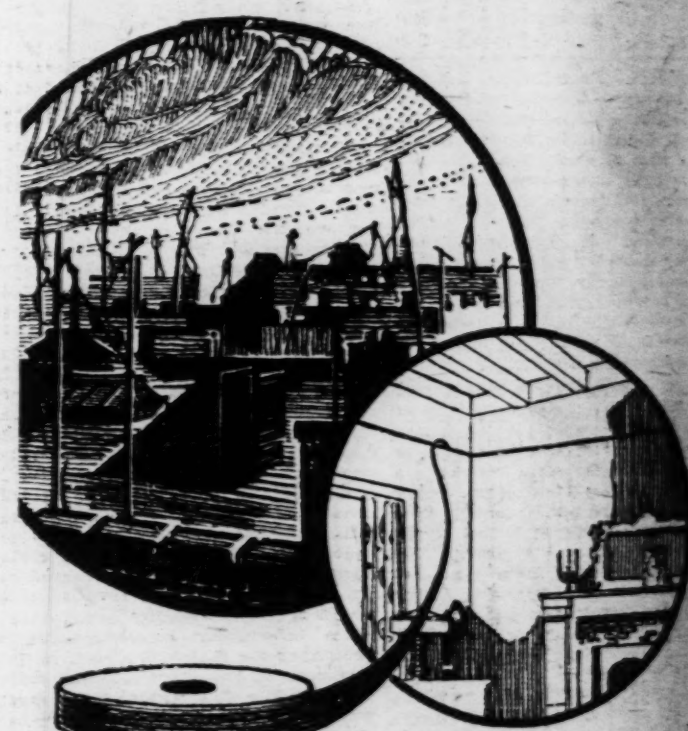


NOTE THE Soldered Rotor. Pigtail Connection. Adjustable Stator Plates. Ample End Spacing. Soldered Stator Plates. Adjustable Bearings. Grounded Rotor and many other features.

The new Signal Low Loss Variable Condenser has combined in it features which, up to this time were found only in the high priced Laboratory Types.

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